

Converting Colors

YUV(236.4020, 0.2948, -1.2296)

Have a look what the booklet for
YUV(236.4020, 0.2948, -1.2296)
contains.

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Color

**YUV(236.4020, 0.2948,
-1.2296)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDED
RGB	235, 237, 237
RGB Percent	92%, 93%, 93%
CMY	0.0784, 0.0706, 0.0706
CMYK	0.01, 0.00, 0.00, 0.07
HSL	180°, 5%, 93%
HSV	180°, 1%, 93%
XYZ	79.8312, 84.3450, 92.1934
YIQ	236.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

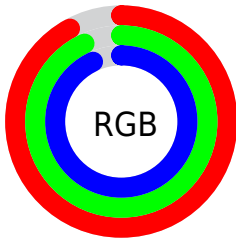
Format	Color
R _Y B	235, 236, 237
Decimal	15461869
CIE Lab	93.60, -0.66, -0.24
CIE LCh	94, 0.705, 200.248
Yxy	84.3450, 0.3114, 0.3290
Android (android.graphics.Color)	4293651949 (0xFFEBEDED)
YUV	236.4020, 0.2948, -1.2296
Hunter-Lab	91.8395, -5.5586, 4.7692

Details

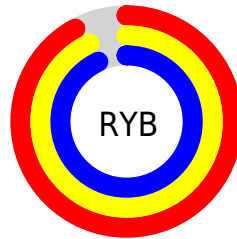
The YUV color $236.4020, 0.2948, -1.2296$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.5980, -0.2948, 1.2296$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.4020, 0.2948, -1.2296$ is the 20% darker color. If you saturate the color by 10%, you get $229.2260, 3.8326, -15.9842$, and if you desaturate by 10%, it is $242.3820, -2.6533, 11.0660$.

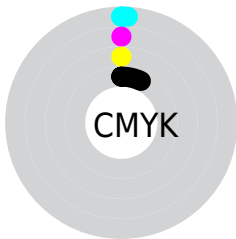
Distribution



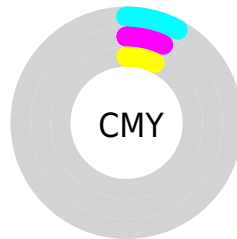
- Red (92%)
- Green (93%)
- Blue (93%)



- Red (92%)
- Yellow (93%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.4020, 0.2948, -1.2296 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 236.4020, 0.2948, -1.2296 by changing the saturation by 10% instead.

■ 236.4020, 0.2948,
-1.2296

■ 236.4020, 0.2948,
-1.2296

255.0000, 0.0000,
0.0000

■ 208.4020, 0.2948,
-1.2296

■ 180.4020, 0.2948,
-1.2296

■ 153.7010, 0.1474,
-0.6148

■ 127.7010, 0.1474,
-0.6148

■ 102.7010, 0.1474,
-0.6148

■ 78.7010, 0.1474,
-0.6148

■ 56.4020, 0.2948,

-1.2296

■ 34.7010, 0.1474,
-0.6148

■ 12.4020, 0.2948,
-1.2296

■ 236.4020, 0.2948,
-1.2296

■ 236.4020, 0.2948,
-1.2296

■ 229.2260, 3.8326,
-15.9842

■ 242.3820, -2.6533,
11.0660

■ 222.3490, 7.2229,
-30.1241

■ 215.1730, 10.7607,
-44.8787

■ 207.9970, 14.2985,
-59.6334

■ 200.8210, 17.8362,
-74.3880

■ 193.9440, 21.2266,
-88.5279

■ 186.7680, 24.7644,
-103.2825

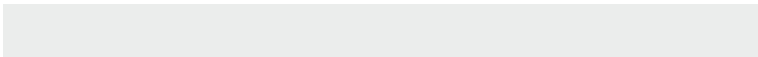
■ 179.5920, 28.3021,
-118.0372

■ 172.7150, 31.6925,
-132.1771

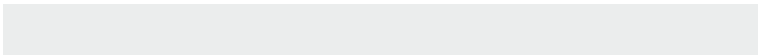
Harmonies

Analogous

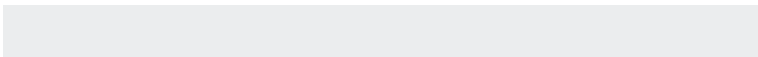
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.2880, -0.1420, -1.1296



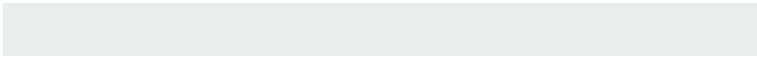
236.4020, 0.2948, -1.2296



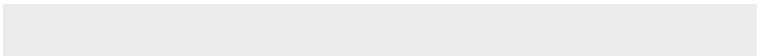
236.5160, 0.7316, -1.3295

Triad

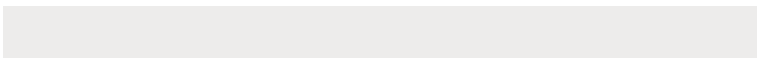
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.4020, 0.2948, -1.2296



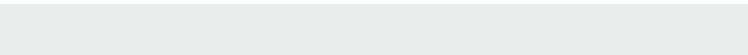
236.4130, 0.2894, 0.5148



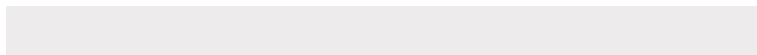
236.1850, -0.5842, 0.7148

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



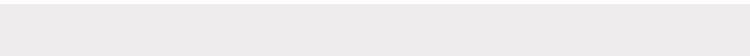
236.4020, 0.2948, -1.2296



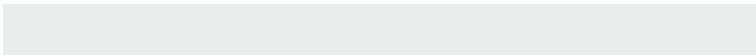
235.5980, -0.2948, 1.2296

Split Complementary

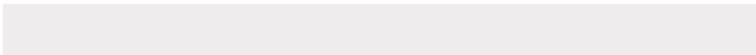
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.5980, -0.2948, 1.2296



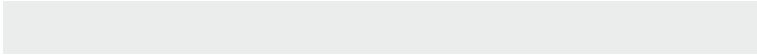
236.4020, 0.2948, -1.2296



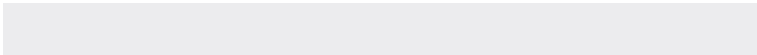
236.7120, 0.1420, 1.1296

Square

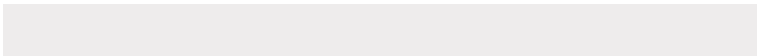
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



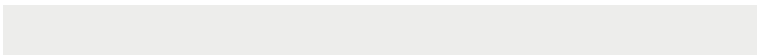
236.4020, 0.2948, -1.2296



236.2280, 0.8736, -0.2000



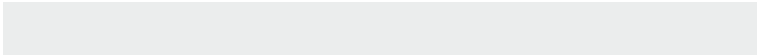
236.5980, -0.2948, 1.2296



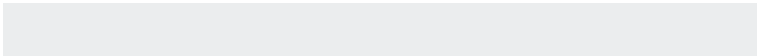
236.7720, -0.8736, 0.2000

Rectangle

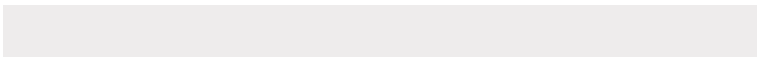
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



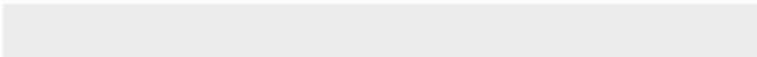
236.4020, 0.2948, -1.2296



236.5160, 0.7316, -1.3295



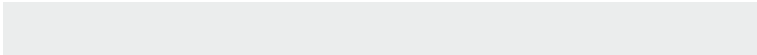
236.5980, -0.2948, 1.2296



236.4840, -0.7316, 1.3295

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



236.4020, 0.2948, -1.2296

255.0000, 0.0000, 0.0000



236.1740, -0.5788, -1.0296



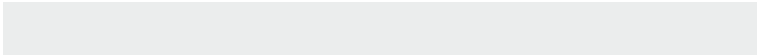
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

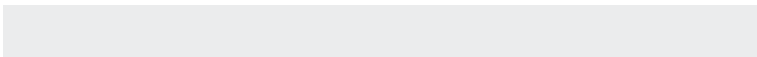
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.4020, 0.2948, -1.2296



254.1030, 0.4422, -1.8443



235.8150, 0.5842, -0.7148



116.7010, 0.1474, -0.6148



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980

Inverse Universe

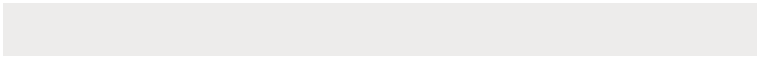
The Inverse Universe completely reimagines the original color for something new.



235.8260, 0.5788, 1.0296



253.2390, 0.8682, 1.5444



236.1850, -0.5842, 0.7148



116.4130, 0.2894, 0.5148



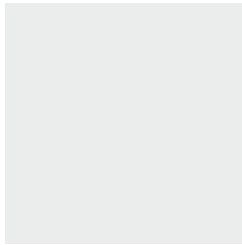
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 236.4020, 0.2948, -1.2296 looks on a white background.

Color Contrast Check

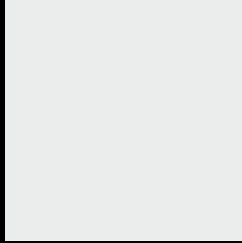
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 236.4020, 0.2948, -1.2296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

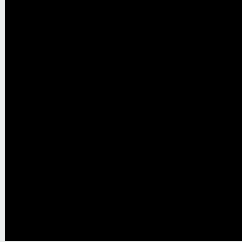
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

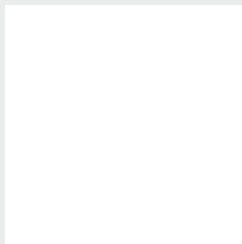
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.4020, 0.2948, -1.2296

Background



This preview shows how black text looks on a background with the YUV color 236.4020, 0.2948, -1.2296.



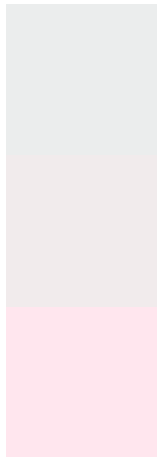
This preview shows how white text looks on a background with the YUV color 236.4020, 0.2948,

-1.2296.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

236.4020, 0.2948, -1.2296

Protanopia

236.9080, -0.4476, 3.5887

Deuteranopia

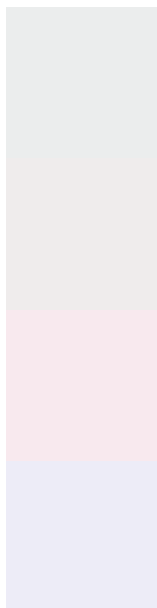
238.3870, -0.1908, 14.5696



Tritanopia

237.9490, 7.4201, 0.0447

Trichromacy



Original Color

236.4020, 0.2948, -1.2296

Protanomaly

236.8970, -0.4422, 1.8443

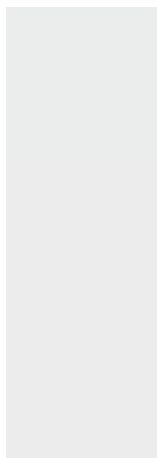
Deuteranomaly

238.0550, -0.0271, 8.7218

Tritanomaly

237.5530, 4.6574, -0.4850

Monochromacy



Original Color

236.4020, 0.2948, -1.2296

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.4020, 0.2948, -1.2296 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 237) }
```

Border

The CSS property to change the border of an element to YUV 236.4020, 0.2948, -1.2296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 237, 237) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(235, 237, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(235, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
237) }
```


Background

The CSS property to change the background color of an element to YUV 236.4020, 0.2948, -1.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
237, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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