

Converting Colors

YUV(236.9140, -2.9156, 1.8294)

Have a look what the booklet for
YUV(236.9140, -2.9156, 1.8294)
contains.

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Color

**YUV(236.9140, -2.9156,
1.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	EFED E7
RGB	239, 237, 231
RGB Percent	94%, 93%, 91%
CMY	0.0627, 0.0706, 0.0941
CMYK	0.00, 0.01, 0.03, 0.06
HSL	45°, 20%, 92%
HSV	45°, 3%, 94%
XYZ	80.3046, 84.6886, 87.7153
YIQ	236.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

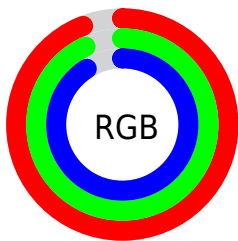
Format	Color
R _Y B	234, 239, 231
Decimal	15724007
CIE Lab	93.75, -0.37, 3.13
CIE LCh	94, 3.149, 96.772
Yxy	84.6886, 0.3178, 0.3351
Android (android.graphics.Color)	4293914087 (0xFFEFED7)
YUV	236.9140, -2.9156, 1.8294
Hunter-Lab	92.0264, -5.2826, 7.9060

Details

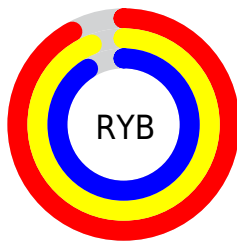
The YUV color $236.9140, -2.9156, 1.8294$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.0860, 2.9156, -1.8294$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.9140, -2.9156, 1.8294$ is the 20% darker color. If you saturate the color by 10%, you get $230.6560, -11.6624, 7.3177$, and if you desaturate by 10%, it is $243.1720, 5.8312, -3.6588$.

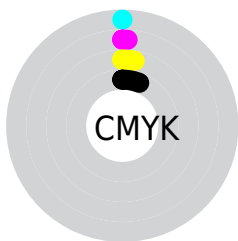
Distribution



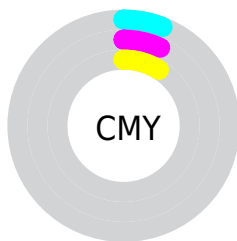
- Red (94%)
- Green (93%)
- Blue (91%)



- Red (92%)
- Yellow (94%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.9140, -2.9156, 1.8294 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 236.9140, -2.9156, 1.8294 by changing the saturation by 10% instead.

■ 236.9140, -2.9156,
1.8294

■ 236.9140, -2.9156,
1.8294

255.0000, 0.0000,
0.0000

■ 208.9140, -2.9156,
1.8294

■ 180.9140, -2.9156,
1.8294

■ 154.0280, -2.4788,
1.7294

■ 128.0280, -2.4788,
1.7294

■ 103.0280, -2.4788,
1.7294

■ 79.0280, -2.4788,
1.7294

■ 56.7290, -2.3314,

1.1147

■ 34.8430, -1.8946,
1.0147

■ 12.8000, -3.3524,
1.9294

■ 236.9140, -2.9156,
1.8294

■ 236.9140, -2.9156,
1.8294

■ 230.6560,
-11.6624, 7.3177

■ 243.1720, 5.8312,
-3.6588

■ 224.3980,
-20.4092, 12.8060

■ 246.6940, 4.0949,
-6.7476

■ 218.1400,
-29.1560, 18.2942

■ 250.2160, 2.3585,
-9.8364

■ 211.8820,
-37.9028, 23.7825

■ 205.6240,
-46.6496, 29.2708

■ 199.4800,
-54.9596, 34.6590

■ 193.2220,
-63.7064, 40.1473

■ 186.9640,
-72.4533, 45.6356

■ 180.7060,
-81.2001, 51.1238

Harmonies

Analogous

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



237.3380, -2.6316, 4.0886



236.9140, -2.9156, 1.8294



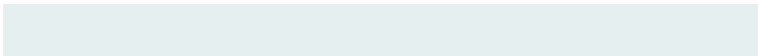
236.4190, -2.1786, -1.2445

Triad

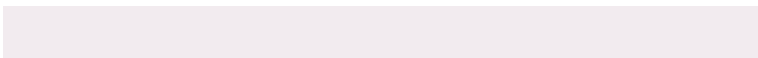
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.9140, -2.9156, 1.8294



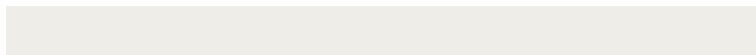
236.4230, 1.7635, -5.6330



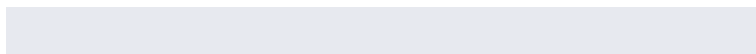
237.5490, 0.7153, 3.9035

Complementary

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



236.9140, -2.9156, 1.8294



233.0860, 2.9156, -1.8294

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.



237.5810, 2.1786, 1.2445



236.9140, -2.9156, 1.8294



236.6620, 2.6316, -4.0886

Square

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



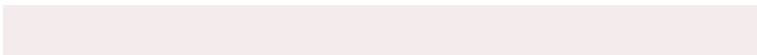
236.9140, -2.9156, 1.8294



236.1950, 0.8899, -5.4330



237.0860, 2.9156, -1.8294



237.8050, -0.8899, 5.4330

Rectangle

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



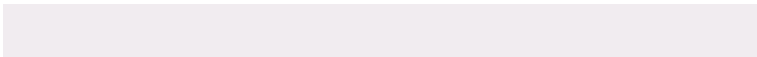
236.9140, -2.9156, 1.8294



236.0490, -1.0102, -2.6740



237.0860, 2.9156, -1.8294



237.9510, 1.0102, 2.6740

Sweetspot

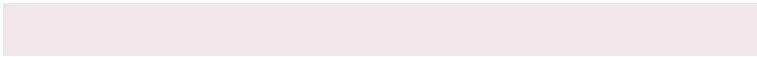
The Sweet Spot groups the original color and five complimentary colors.



236.9140, -2.9156, 1.8294



254.0710, -1.0210, 0.8147



233.6200, -0.3057, 4.7183



127.1850, -0.5842, 0.7148



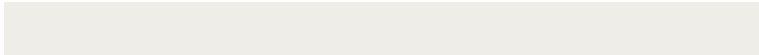
0.0000, 0.0000, 0.0000



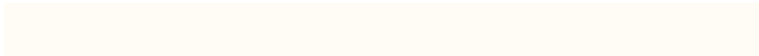
128.0000, 0.0000, 0.0000

Same Dimension

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



236.9140, -2.9156, 1.8294



252.0990, -3.4998, 2.5442



237.4900, -3.1996, -0.4297



118.1420, -2.0420, 1.6295



136.0220, -67.0588, 42.0767



41.3980, -20.4092, 12.8060

Inverse Universe

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



233.0860, 2.9156, -1.8294



247.3140, 3.7892, -2.0294



232.5100, 3.1996, 0.4297



115.2710, 2.3314, -1.1147



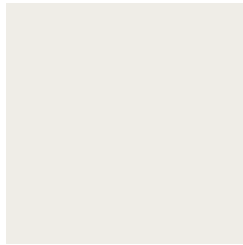
47.9780, 67.0588, -42.0767



14.6020, 20.4092, -12.8060

Previews

White Background



This preview shows how the YUV color 236.9140, -2.9156, 1.8294 looks on a white background.

Color Contrast Check

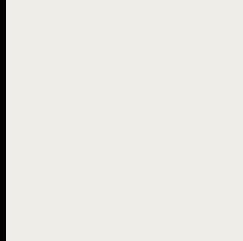
Large Text (above 18pt) WCAG AA × Fail

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 236.9140, -2.9156, 1.8294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

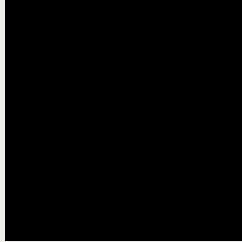
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

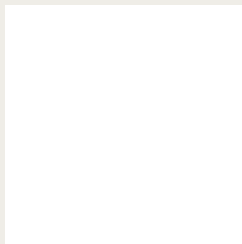
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.9140, -2.9156, 1.8294

Background



This preview shows how black text looks on a background with the YUV color 236.9140, -2.9156, 1.8294.



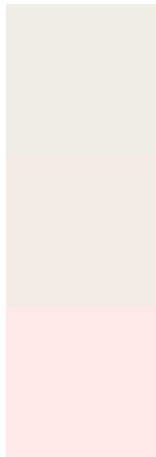
This preview shows how white text looks on a background with the YUV color 236.9140, -2.9156,

1.8294.

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

236.9140, -2.9156, 1.8294

Protanopia

237.4090, -3.6526, 4.9033

Deuteranopia

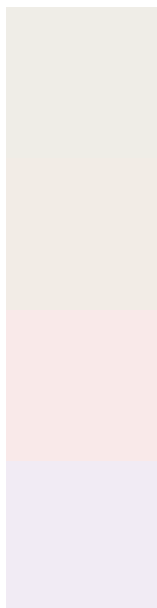
238.5180, -2.2274, 14.4547



Tritanopia

238.4440, 6.6831, 3.1186

Trichromacy



Original Color

236.9140, -2.9156, 1.8294

Protanomaly

237.1100, -3.5052, 4.2885

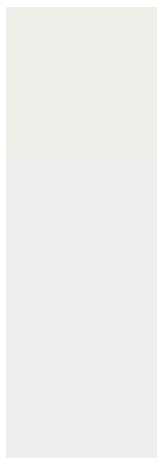
Deuteranomaly

237.7840, -2.3585, 9.8364

Tritanomaly

237.8200, 3.0467, 2.7889

Monochromacy



Original Color

236.9140, -2.9156, 1.8294

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.9140, -2.9156, 1.8294 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(239, 237, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 231)  
}
```

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(239, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 231) }
```

Border

The CSS property to change the border of an element to YUV 236.9140, -2.9156, 1.8294 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(239, 237, 231) }
```


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

```
.border{ border-color:rgb(239, 237, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 237, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 236.9140, -2.9156, 1.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 237, 231) }
```

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

```
.background{ background-color: rgb(239,  
237, 231) }
```

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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