

Converting Colors

YUV(236.2960, -9.0199, -0.2596)

Have a look what the booklet for
YUV(236.2960, -9.0199, -0.2596)
contains.

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Color

**YUV(236.2960, -9.0199,
-0.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF0DA
RGB	236, 240, 218
RGB Percent	93%, 94%, 85%
CMY	0.0745, 0.0588, 0.1451
CMYK	0.02, 0.00, 0.09, 0.06
HSL	71°, 42%, 90%
HSV	71°, 9%, 94%
XYZ	78.4070, 85.2150, 78.6453
YIQ	236.2960, 4.6780, -7.6900

Conversions

Conversions Part 2

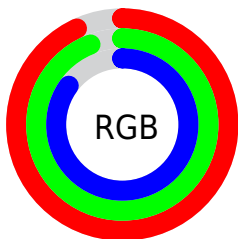
Format	Color
R _Y B	218, 240, 222
Decimal	15528154
CIE Lab	93.98, -5.10, 10.17
CIE LCh	94, 11.375, 116.649
Yxy	85.2150, 0.3236, 0.3517
Android (android.graphics.Color)	4293718234 (0xFFE0F0DA)
YUV	236.2960, -9.0199, -0.2596
Hunter-Lab	92.3120, -9.9333, 14.1062

Details

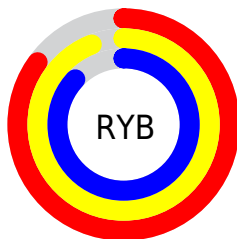
The YUV color $236.2960, -9.0199, -0.2596$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $221.7040, 9.0199, 0.2596$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.4100, -8.5831, -0.3596$ is the 20% darker color. If you saturate the color by 10%, you get $232.3640, -18.9135, -0.3192$, and if you desaturate by 10%, it is $240.2280, 0.8736, -0.2000$.

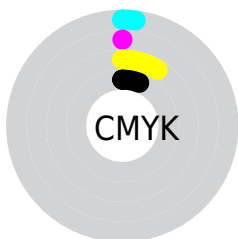
Distribution



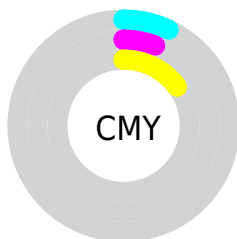
- Red (93%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.2960, -9.0199, -0.2596 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 236.2960, -9.0199, -0.2596 by changing the saturation by 10% instead.


 236.2960, -9.0199,
-0.2596

 236.2960, -9.0199,
-0.2596


255.0000, 0.0000,
0.0000


 208.2960, -9.0199,
-0.2596

 180.4100, -8.5831,
-0.3596

 153.5240, -8.1463,
-0.4595

 127.5240, -8.1463,
-0.4595

 102.6380, -7.7095,
-0.5595

 78.7520, -7.2727,
-0.6595

 55.8660, -6.8359,

-0.7595

■ 34.2790, -6.5465,
-0.2447

■ 12.6700, -6.2463,
-3.2186

■ 236.2960, -9.0199,
-0.2596

■ 236.2960, -9.0199,
-0.2596

■ 232.3640,
-18.9135, -0.3192

■ 240.2280, 0.8736,
-0.2000

■ 228.1330,
-28.6596, -0.9936

■ 243.2050, 5.8149,
1.5742

■ 224.2010,
-38.5531, -1.0533

■ 244.4010, 5.2253,
4.0333

■ 220.2690,
-48.4466, -1.1129

■ 245.5970, 4.6357,
6.4924

■ 216.0380,
-58.1927, -1.7873

■ 246.1950, 4.3409,
7.7220

■ 212.1060,
-68.0863, -1.8470

■ 207.8750,
-77.8324, -2.5214

■ 203.9430,
-87.7259, -2.5810

■ 200.0110,
-97.6194, -2.6406

Harmonies

Analogous

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



237.3080, -10.5048, 9.3769



236.2960, -9.0199, -0.2596



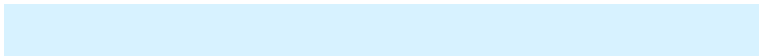
235.2670, -5.0616, -9.8812

Triad

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



236.2960, -9.0199, -0.2596



235.4090, 9.6584, -17.8987



238.5010, 0.2460, 14.4696

Complementary

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



236.2960, -9.0199, -0.2596



221.7040, 9.0199, 0.2596

Split Complementary

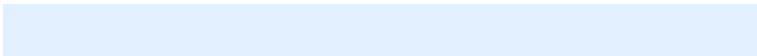
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.7330, 5.0616, 9.8812



236.2960, -9.0199, -0.2596



236.6380, 9.0525, -10.2065

Square

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



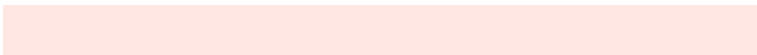
236.2960, -9.0199, -0.2596



234.4750, 6.1748, -20.5876



238.4760, 8.1463, 0.4595



237.8340, -4.8482, 15.0546

Rectangle

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



236.2960, -9.0199, -0.2596



234.5590, -1.2616, -15.3992



238.4760, 8.1463, 0.4595



239.5440, 1.7038, 13.5549

Sweetspot

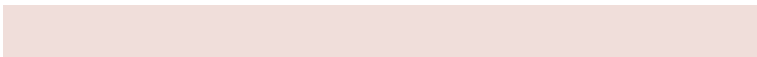
The Sweet Spot groups the original color and five complimentary colors.



236.2960, -9.0199, -0.2596



253.7890, -3.3470, 0.1850



226.9260, -4.4005, 11.4659



127.0170, -2.4734, -0.0149



0.0000, 0.0000, 0.0000



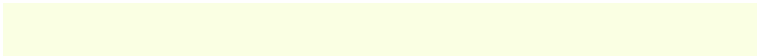
128.0000, 0.0000, 0.0000

Same Dimension

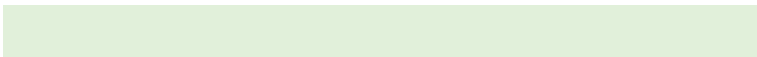
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.2960, -9.0199, -0.2596



250.3130, -11.4933, -0.2745



233.0070, -7.3985, -7.0221



118.0340, -4.9468, -0.0298



152.8580, -75.3590, -2.5065



46.6260, -22.9866, -0.5490

Inverse Universe

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



221.7040, 9.0199, 0.2596



231.6870, 11.4933, 0.2745



224.9930, 7.3985, 7.0221



109.9660, 4.9468, 0.0298



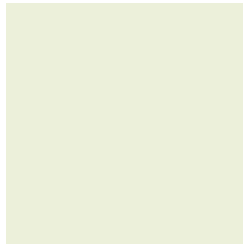
30.8430, 75.5064, 1.8917



9.3740, 22.9866, 0.5490

Previews

White Background



This preview shows how the YUV color 236.2960, -9.0199, -0.2596 looks on a white background.

Color Contrast Check

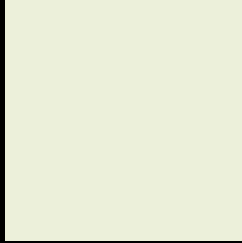
Large Text (above 18pt) WCAG AA × Fail

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 236.2960, -9.0199, -0.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

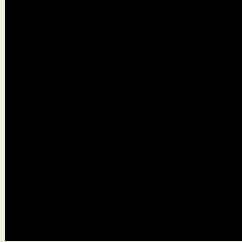
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

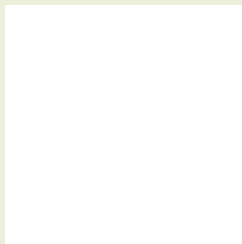
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.2960, -9.0199, -0.2596

Background



This preview shows how black text looks on a background with the YUV color 236.2960, -9.0199, -0.2596.



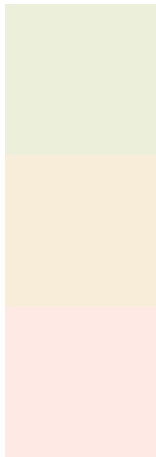
This preview shows how white text looks on a background with the YUV color 236.2960, -9.0199, -0.2596.

-0.2596.

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

236.2960, -9.0199, -0.2596

Protanopia

237.5960, -10.6468, 8.2473

Deuteranopia

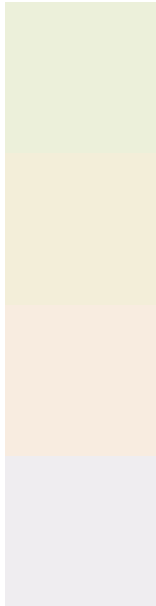
239.0080, -5.4269, 14.0250



Tritanopia

238.8460, 6.9779, 1.8891

Trichromacy



Original Color

236.2960, -9.0199, -0.2596

Protanomaly

237.1010, -9.9098, 5.1734

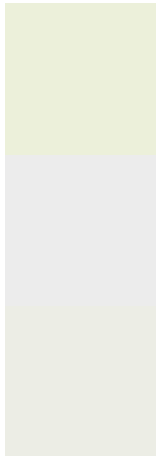
Deuteranomaly

238.2200, -7.0105, 8.5771

Tritanomaly

237.9400, 1.0156, 0.9296

Monochromacy



Original Color

236.2960, -9.0199, -0.2596

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.7890, -3.3470, 0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.2960, -9.0199, -0.2596 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(236, 240, 218)` looks like.

```
.text, #text, p{  
    color:rgb(236, 240, 218)  
}
```

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(236, 240, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 240, 218) }
```

Border

The CSS property to change the border of an element to YUV 236.2960, -9.0199, -0.2596 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(236, 240, 218) }
```


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

```
.border{ border-color:rgb(236, 240, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 240, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 240, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 240, 218);  
box-shadow:4px 4px 4px 4px rgb(236, 240,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 236.2960, -9.0199, -0.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 240, 218) }
```

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

```
.background{ background-color: rgb(236,  
240, 218) }
```

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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