

Converting Colors

YUV(228.2690, -8.0206, 5.9031)

Have a look what the booklet for
YUV(228.2690, -8.0206, 5.9031)
contains.

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Color

**YUV(228.2690, -8.0206,
5.9031)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE4D4
RGB	235, 228, 212
RGB Percent	92%, 89%, 83%
CMY	0.0784, 0.1059, 0.1686
CMYK	0.00, 0.03, 0.10, 0.08
HSL	42°, 37%, 88%
HSV	42°, 10%, 92%
XYZ	73.8880, 77.9024, 73.4297
YIQ	228.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

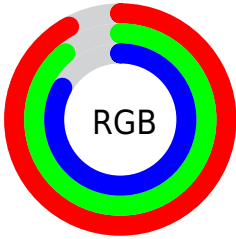
Format	Color
R _Y B	222, 235, 212
Decimal	15459540
CIE Lab	90.74, -0.32, 8.64
CIE LCh	91, 8.644, 92.142
Yxy	77.9024, 0.3281, 0.3459
Android (android.graphics.Color)	4293649620 (0xFFEBE4D4)
YUV	228.2690, -8.0206, 5.9031
Hunter-Lab	88.2624, -5.0295, 12.4574

Details

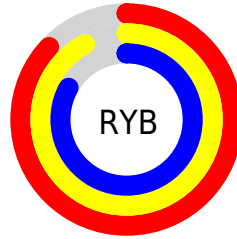
The YUV color $228.2690, -8.0206, 5.9031$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.7310, 8.0206, -5.9031$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.9700, -7.8732, 5.2883$ is the 20% darker color. If you saturate the color by 10%, you get $221.5380, -16.0412, 11.8062$, and if you desaturate by 10%, it is $235.1140, 0.4368, -0.1000$.

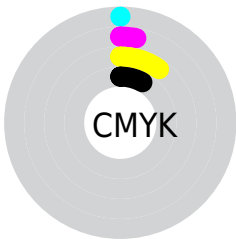
Distribution



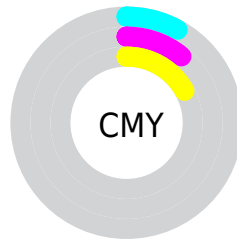
- Red (92%)
- Green (89%)
- Blue (83%)



- Red (87%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.2690, -8.0206, 5.9031 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 228.2690, -8.0206, 5.9031 by changing the saturation by 10% instead.

■ 228.2690, -8.0206,
5.9031

■ 228.2690, -8.0206,
5.9031

255.0000, 0.0000,
0.0000

■ 200.2690, -8.0206,
5.9031

■ 172.9700, -7.8732,
5.2883

■ 146.0840, -7.4364,
5.1883

■ 120.1980, -6.9996,
5.0884

■ 95.8990, -6.8522,
4.4736

■ 72.0130, -6.4154,
4.3736

■ 49.7140, -6.2680,

3.7588

■ 28.8280, -5.8312,
3.6588

■ 2.6580, -1.3104,
0.2999

■ 228.2690, -8.0206,
5.9031

■ 228.2690, -8.0206,
5.9031

■ 221.5380,
-16.0412, 11.8062

■ 235.1140, 0.4368,
-0.1000

■ 214.6930,
-24.4986, 17.8092

■ 241.3890, 6.7102,
-5.6032

■ 207.9620,
-32.5193, 23.7123

■ 245.4980, 4.6845,
-9.2067

■ 200.5300,
-40.6873, 30.2302

■ 249.0200, 2.9481,
-12.2955

■ 193.7990,
-48.7079, 36.1333

■ 186.9540,
-57.1653, 42.1363

■ 180.2230,
-65.1859, 48.0394

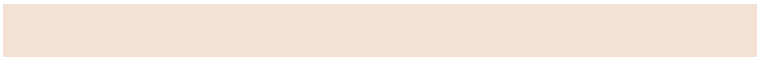
■ 173.3780,
-73.6434, 54.0425

■ 166.6470,
-81.6640, 59.9456

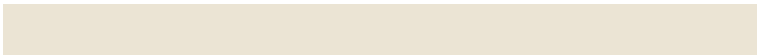
Harmonies

Analogous

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



229.1280, -7.4581, 12.1657



228.2690, -8.0206, 5.9031



227.2680, -6.5411, -1.9890

Triad

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



228.2690, -8.0206, 5.9031



225.9810, 5.4324, -15.7693



230.1520, 2.8831, 8.6367

Complementary

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



228.2690, -8.0206, 5.9031



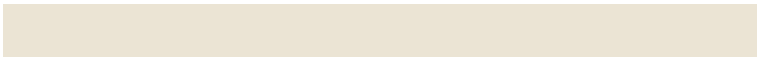
218.7310, 8.0206, -5.9031

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.



229.3190, 6.2517, 1.4742



228.2690, -8.0206, 5.9031



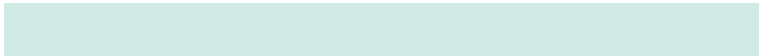
226.6870, 8.0423, -12.8805

Square

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



228.2690, -8.0206, 5.9031



226.2540, 1.3538, -14.2548



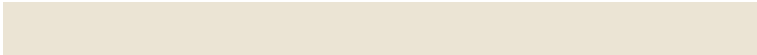
228.4320, 8.1680, -6.5179



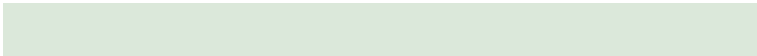
230.4470, -1.2064, 13.6400

Rectangle

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



228.2690, -8.0206, 5.9031



226.5170, -4.1989, -6.5924



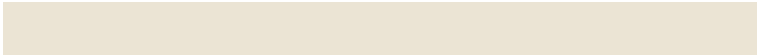
228.4320, 8.1680, -6.5179



230.1840, 4.3463, 5.9776

Sweetspot

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



228.2690, -8.0206, 5.9031



252.9140, -2.9156, 1.8294



219.6750, -0.3328, 13.4400



126.1420, -2.0420, 1.6295



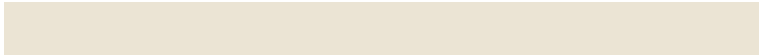
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



228.2690, -8.0206, 5.9031



246.1830, -10.9362, 7.7325



231.1820, -9.4567, -0.1596



113.9850, -3.9366, 2.6442



128.0810, -63.1439, 46.4100



37.8650, -18.6674, 14.1504

Inverse Universe

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



218.7310, 8.0206, -5.9031



233.4040, 10.6468, -8.2473



215.8180, 9.4567, 0.1596



109.0150, 3.9366, -2.6442



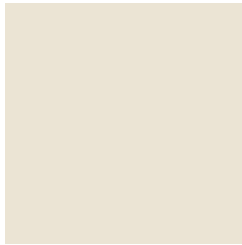
52.9190, 63.1439, -46.4100



15.5480, 18.9568, -13.6356

Previews

White Background



This preview shows how the YUV color 228.2690, -8.0206, 5.9031 looks on a white background.

Color Contrast Check

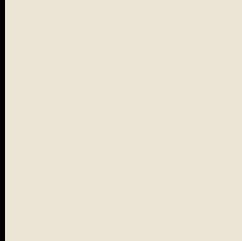
Large Text (above 18pt) WCAG AA × Fail

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 228.2690, -8.0206, 5.9031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

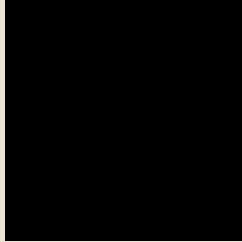
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.2690, -8.0206, 5.9031

Background



This preview shows how black text looks on a background with the YUV color 228.2690, -8.0206, 5.9031.

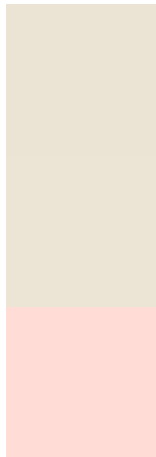


This preview shows how white text looks on a background with the YUV color 228.2690, -8.0206,

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

228.2690, -8.0206, 5.9031

Protanopia

228.5680, -8.1680, 6.5179

Deuteranopia

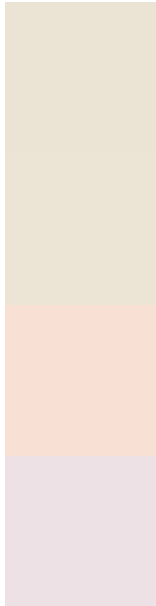
230.3680, -8.0694, 21.6023



Tritanopia

230.4230, 5.2145, 7.5220

Trichromacy



Original Color

228.2690, -8.0206, 5.9031

Protanomaly

228.5680, -8.1680, 6.5179

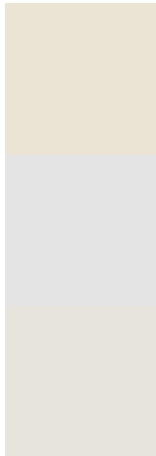
Deuteranomaly

229.9220, -8.3425, 15.8544

Tritanomaly

229.4570, 0.2677, 7.4922

Monochromacy



Original Color

228.2690, -8.0206, 5.9031

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2130, -3.0630, 2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.2690, -8.0206, 5.9031 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, 228, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 212)  
}
```

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, 228, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 212) }
```

Border

The CSS property to change the border of an element to YUV 228.2690, -8.0206, 5.9031 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, 228, 212) }
```


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

```
.border{ border-color:rgb(235, 228, 212) }
```

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

Here you see how a box with a 4 pixel rgb(235, 228, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 228.2690, -8.0206, 5.9031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 212) }
```

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

```
.background{ background-color: rgb(235,  
228, 212) }
```

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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