

Converting Colors

YUV(227.9550, -11.8098,
7.9325)

Have a look what the booklet for
YUV(227.9550, -11.8098, 7.9325)
contains.

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Color

**YUV(227.9550, -11.8098,
7.9325)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE4CC
RGB	237, 228, 204
RGB Percent	93%, 89%, 80%
CMY	0.0706, 0.1059, 0.2000
CMYK	0.00, 0.04, 0.14, 0.07
HSL	44°, 48%, 86%
HSV	44°, 14%, 93%
XYZ	73.5675, 77.8510, 68.2761
YIQ	227.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

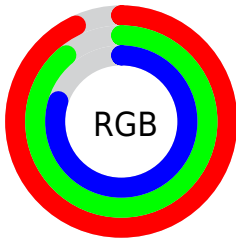
Format	Color
RYB	216, 237, 204
Decimal	15590604
CIELab	90.71, -0.89, 12.80
CIElCh	91, 12.832, 93.966
Yxy	77.8510, 0.3349, 0.3544
Android (android.graphics.Color)	4293780684 (0xFFE4CC)
YUV	227.9550, -11.8098, 7.9325
Hunter-Lab	88.2332, -5.5774, 15.8838

Details

The YUV color $227.9550, -11.8098, 7.9325$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.0450, 11.8098, -7.9325$, 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 $172.7700, -11.2256, 7.2177$ is the 20% darker color. If you saturate the color by 10%, you get $221.6970, -20.5566, 13.4207$, and if you desaturate by 10%, it is $234.2130, -3.0630, 2.4442$.

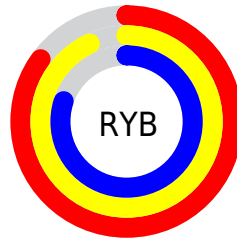
Distribution



Red (93%)

Green (89%)

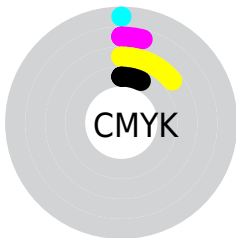
Blue (80%)



Red (85%)

Yellow (93%)

Blue (80%)

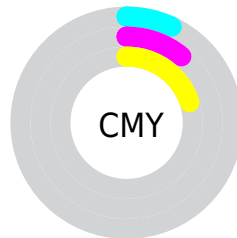


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.9550, -11.8098, 7.9325 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 227.9550, -11.8098, 7.9325 by changing the saturation by 10% instead.

■ 227.9550,
-11.8098, 7.9325

■ 227.9550,
-11.8098, 7.9325

255.0000, 0.0000,
0.0000

■ 200.0690,
-11.3730, 7.8325

■ 172.7700,
-11.2256, 7.2177

■ 145.8840,
-10.7888, 7.1177

■ 119.9980,
-10.3520, 7.0178

■ 95.6990, -10.2046,
6.4030

■ 71.5140, -9.6204,
5.6882

■ 49.3290, -9.0362,

4.9735

■ 28.1010, -9.9098,
5.1734

■ 2.3590, -1.1630,
-0.3148

■ 227.9550,
-11.8098, 7.9325

■ 227.9550,
-11.8098, 7.9325

■ 221.6970,
-20.5566, 13.4207

■ 234.2130, -3.0630,
2.4442

■ 214.9660,
-28.5772, 19.3238

■ 240.9440, 4.9576,
-3.4589

■ 208.7080,
-37.3240, 24.8121

■ 244.9220, 4.9685,
-6.9476

■ 201.8630,
-45.7815, 30.8151

■ 249.0310, 2.9427,
-10.5512

■ 195.7190,
-54.0915, 36.2034

■ 249.6180, 2.6533,
-11.0660

■ 188.8740,
-62.5489, 42.2065

■ 182.6160,
-71.2957, 47.6948

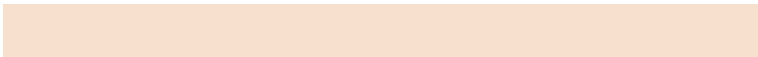
■ 175.7710,
-79.7531, 53.6978

■ 171.8270,
-84.7107, 57.1567

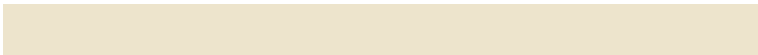
Harmonies

Analogous

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



229.2380, -10.9633, 16.4543



227.9550, -11.8098, 7.9325



226.5730, -9.1565, -3.1335

Triad

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



227.9550, -11.8098, 7.9325



224.7350, 8.5116, -23.4466



230.5270, 4.1772, 13.5698

Complementary

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



227.9550, -11.8098, 7.9325



213.0450, 11.8098, -7.9325

Split Complementary

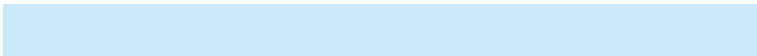
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.1280, 9.3039, 2.5187



227.9550, -11.8098, 7.9325



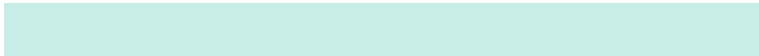
226.2670, 11.7004, -19.5282

Square

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



227.9550, -11.8098, 7.9325



224.5520, 2.6859, -21.5321



228.4470, 12.1046, -9.1620



230.9640, -1.9543, 20.2026

Rectangle

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



227.9550, -11.8098, 7.9325



225.7400, -5.7878, -10.2960



228.4470, 12.1046, -9.1620



230.3740, 6.2246, 10.1960

Sweetspot

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



227.9550, -11.8098, 7.9325



252.0990, -3.4998, 2.5442



214.8930, -0.9332, 19.3878



126.0280, -2.4788, 1.7294



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.



227.9550, -11.8098, 7.9325



243.0540, -15.3096, 10.4766



231.1450, -13.3825, -1.0042



113.9850, -3.9366, 2.6442



131.6030, -64.8803, 43.3212



39.0390, -19.2462, 13.1208

Inverse Universe

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



213.0450, 11.8098, -7.9325



223.3590, 15.5990, -9.9618



209.8550, 13.3825, 1.0042



109.0150, 3.9366, -2.6442



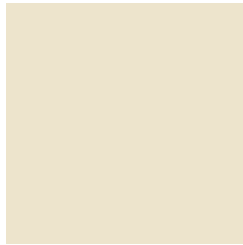
49.3970, 64.8803, -43.3212



14.9610, 19.2462, -13.1208

Previews

White Background



This preview shows how the YUV color 227.9550, -11.8098, 7.9325 looks on a white background.

Color Contrast Check

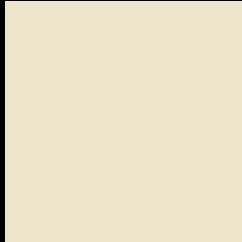
Large Text (above 18pt) WCAG AA × Fail

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 227.9550, -11.8098, 7.9325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

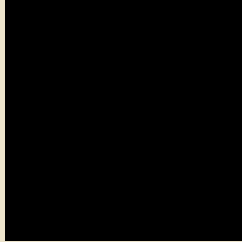
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

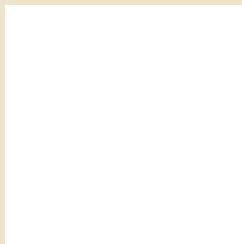
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.9550, -11.8098, 7.9325

Background



This preview shows how black text looks on a background with the YUV color 227.9550, -11.8098, 7.9325.



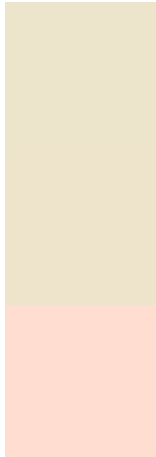
This preview shows how white text looks on a background with the YUV color 227.9550, -11.8098, 7.9325.

7.9325.

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

227.9550, -11.8098, 7.9325

Protanopia

228.2540, -11.9572, 8.5472

Deuteranopia

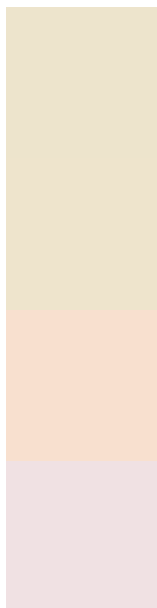
229.7980, -10.2534, 22.1022



Tritanopia

230.6190, 4.6248, 9.9811

Trichromacy



Original Color

227.9550, -11.8098, 7.9325

Protanomaly

228.2540, -11.9572, 8.5472

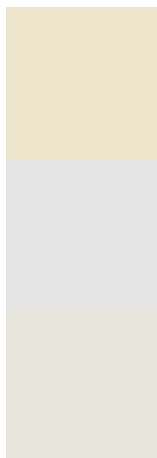
Deuteranomaly

229.2380, -10.9633, 16.4543

Tritanomaly

229.7130, -1.3375, 9.0217

Monochromacy



Original Color

227.9550, -11.8098, 7.9325

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8710, -4.3734, 2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.9550, -11.8098, 7.9325 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(237, 228, 204)` looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 204)  
}
```

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(237, 228, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 204) }
```

Border

The CSS property to change the border of an element to YUV 227.9550, -11.8098, 7.9325 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(237, 228, 204) }
```


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

```
.border{ border-color:rgb(237, 228, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 204);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 227.9550, -11.8098, 7.9325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 204) }
```

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

```
.background{ background-color: rgb(237,  
228, 204) }
```

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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