

Converting Colors

YUV(211.9330, -25.1100,
27.2458)

Have a look what the booklet for
YUV(211.9330, -25.1100, 27.2458)
contains.

YUV(211.9330, -25.1100, 27.2458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(211.9330, -25.1100,
27.2458)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CEA1
RGB	243, 206, 161
RGB Percent	95%, 81%, 63%
CMY	0.0471, 0.1922, 0.3686
CMYK	0.00, 0.15, 0.34, 0.05
HSL	33°, 77%, 79%
HSV	33°, 34%, 95%
XYZ	65.4665, 65.7705, 42.9627
YIQ	211.9330, 36.4970, -6.1510

Conversions

Conversions Part 2

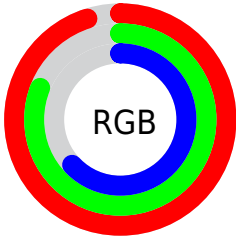
Format	Color
RYB	228, 243, 161
Decimal	15978145
CIELab	84.88, 6.74, 27.24
CIELCh	85, 28.060, 76.095
Yxy	65.7705, 0.3758, 0.3776
Android (android.graphics.Color)	4294168225 (0xFFFF3CEA1)
YUV	211.9330, -25.1100, 27.2458
Hunter-Lab	81.0990, 2.1693, 25.3600

Details

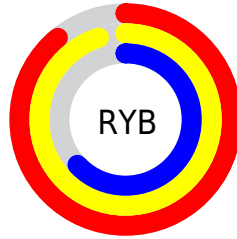
The YUV color $211.9330, -25.1100, 27.2458$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $192.0670, 25.1100, -27.2458$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, -17.0351, 3.8991$, and $157.2640, -23.7942, 25.2015$ is the 20% darker color. If you saturate the color by 10%, you get $202.7400, -32.4098, 35.3080$, and if you desaturate by 10%, it is $221.1260, -17.8101, 19.1835$.

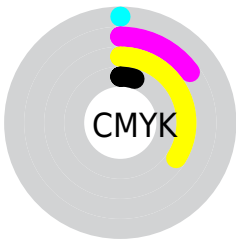
Distribution



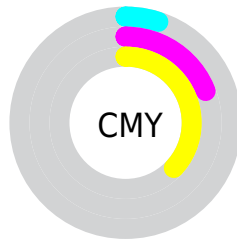
- Red (95%)
- Green (81%)
- Blue (63%)



- Red (89%)
- Yellow (95%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.9330, -25.1100, 27.2458 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 211.9330, -25.1100, 27.2458 by changing the saturation by 10% instead.

211.9330,
-25.1100, 27.2458

211.9330,
-25.1100, 27.2458

255.0000, 0.0000,
0.0000

184.4490,
-24.3784, 25.9162

250.5540,
-17.0351, 3.8991

157.2640,
-23.7942, 25.2015

253.8600, -4.3680,
0.9998

130.7800,
-23.0625, 23.8719

105.4100,
-21.8941, 22.4424

80.9260, -21.1625,
21.1129

57.1430, -20.2835,
19.1686

35.8160, -17.6573,

16.8244

■ 16.3130, -8.0423,
12.8805

■ 0.0000, 0.0000,
0.0000

■ 211.9330,
-25.1100, 27.2458

■ 211.9330,
-25.1100, 27.2458

■ 202.7400,
-32.4098, 35.3080

■ 221.1260,
-17.8101, 19.1835

■ 193.4330,
-40.1465, 43.4703

■ 230.4330,
-10.0735, 11.0213

■ 184.2400,
-47.4463, 51.5325

■ 239.6260, -2.7736,
2.9590

■ 175.0470,
-54.7462, 59.5948

■ 248.4770, 3.2158,
-4.8033

■ 165.7400,
-62.4828, 67.7570

■ 251.4120, 1.7689,
-7.3773

■ 156.5470,
-69.7827, 75.8193

■ 150.7280,
-74.3089, 80.9225

Harmonies

Analogous

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



212.4210, -18.4486, 37.3418



211.9330, -25.1100, 27.2458



209.4420, -23.8819, 6.6284

Triad

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



211.9330, -25.1100, 27.2458



200.2750, 12.6824, -54.6152



215.7520, 16.3913, 16.0035

Complementary

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



211.9330, -25.1100, 27.2458



192.0670, 25.1100, -27.2458

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.



211.5530, 21.4194, -10.1320



211.9330, -25.1100, 27.2458



201.4350, 23.4495, -54.7555

Square

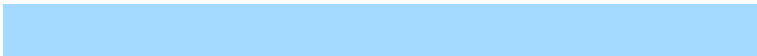
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.9330, -25.1100, 27.2458



202.4760, -2.2067, -39.0055



206.0720, 24.1215, -36.8971



215.7730, 4.5489, 34.4021

Rectangle

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



211.9330, -25.1100, 27.2458



207.3090, -18.8863, -9.0410



206.0720, 24.1215, -36.8971



214.9080, 19.7654, 7.0967

Sweetspot

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



211.9330, -25.1100, 27.2458



245.1060, -7.4473, 8.6770



189.8500, 4.5110, 46.6126



122.0670, -4.9630, 5.2032



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.



211.9330, -25.1100, 27.2458



216.3700, -31.2414, 33.8785



232.7550, -35.3752, 6.3539



117.6970, -3.7946, 3.7737



115.4880, -56.9356, 61.8390



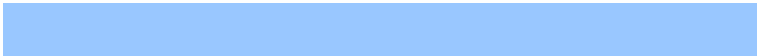
36.4250, -17.9575, 19.7983

Inverse Universe

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



192.0670, 25.1100, -27.2458



191.6300, 31.2414, -33.8785



171.2450, 35.3752, -6.3539



114.8900, 3.5052, -4.2885



70.5120, 56.9356, -61.8390



21.9880, 18.2469, -19.2835

Previews

White Background



This preview shows how the YUV color 211.9330, -25.1100, 27.2458 looks on a white background.

Color Contrast Check

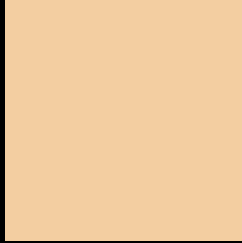
Large Text (above 18pt) WCAG AA × Fail

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 211.9330, -25.1100, 27.2458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

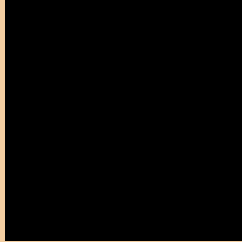
Any Text WCAG AA ✓ Pass

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 211.9330, -25.1100, 27.2458 Background



This preview shows how black text looks on a background with the YUV color 211.9330, -25.1100, 27.2458.



This preview shows how white text looks on a background with the YUV color 211.9330, -25.1100, 27.2458.

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

211.9330, -25.1100, 27.2458

Protanopia

210.7140, -23.0300, 13.4058

Deuteranopia

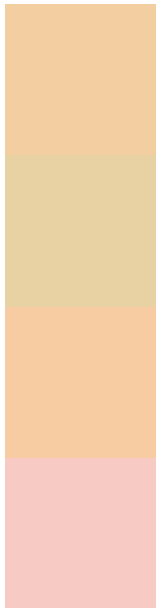
212.0800, -24.6894, 32.3788



Tritanopia

215.6600, -0.8184, 29.2392

Trichromacy



Original Color

211.9330, -25.1100, 27.2458

Protanomaly

211.2200, -23.7725, 18.2241

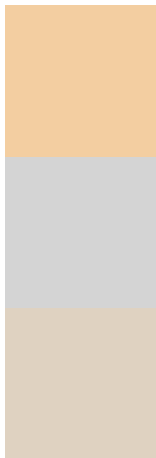
Deuteranomaly

212.0690, -24.6840, 30.6345

Tritanomaly

214.6570, -9.6909, 28.3648

Monochromacy



Original Color

211.9330, -25.1100, 27.2458

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

211.9490, -9.3419, 9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.9330, -25.1100, 27.2458 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(243, 206, 161)` looks like.

```
.text, #text, p{  
    color:rgb(243, 206, 161)  
}
```

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(243, 206, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 206, 161) }
```

Border

The CSS property to change the border of an element to YUV 211.9330, -25.1100, 27.2458 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(243, 206, 161) }
```


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

```
.border{ border-color:rgb(243, 206, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 206, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 206, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 206, 161); box-shadow:4px 4px 4px 4px rgb(243, 206, 161) }
```

Background

The CSS property to change the background color of an element to YUV 211.9330, -25.1100, 27.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 206, 161) }
```

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

```
.background{ background-color: rgb(243,  
206, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor