

Converting Colors

YUV(189.7070, -12.1806,
33.5830)

Have a look what the booklet for
YUV(189.7070, -12.1806, 33.5830)
contains.

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Color

**YUV(189.7070, -12.1806,
33.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	E4AFA5
RGB	228, 175, 165
RGB Percent	89%, 69%, 65%
CMY	0.1059, 0.3137, 0.3529
CMYK	0.00, 0.23, 0.28, 0.11
HSL	10°, 54%, 77%
HSV	10°, 28%, 89%
XYZ	54.1164, 49.8705, 42.3710
YIQ	189.7070, 34.7980, 8.1260

Conversions

Conversions Part 2

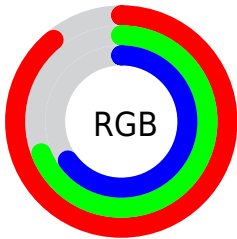
Format	Color
R _Y B	228, 177, 165
Decimal	14987173
CIE Lab	75.99, 17.91, 12.59
CIE LCh	76, 21.887, 35.106
Yxy	49.8705, 0.3698, 0.3407
Android (android.graphics.Color)	4293177253 (0xFFE4AFA5)
YUV	189.7070, -12.1806, 33.5830
Hunter-Lab	70.6191, 13.2037, 13.8597

Details

The YUV color $189.7070, -12.1806, 33.5830$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $203.2930, 12.1806, -33.5830$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.9220, -8.3425, 15.8544$, and $135.6250, -11.1541, 31.0239$ is the 20% darker color. If you saturate the color by 10%, you get $175.9320, -16.7285, 45.6636$, and if you desaturate by 10%, it is $203.4820, -7.6326, 21.5023$.

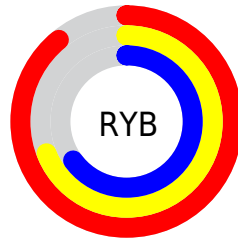
Distribution



Red (89%)

Green (69%)

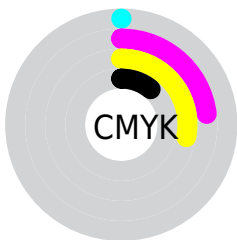
Blue (65%)



Red (89%)

Yellow (69%)

Blue (65%)

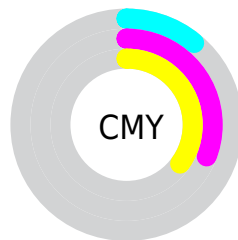


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (11%)



Cyan (11%)

Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.7070, -12.1806, 33.5830 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 189.7070, -12.1806, 33.5830 by changing the saturation by 10% instead.


 189.7070,
-12.1806, 33.5830


 189.7070,
-12.1806, 33.5830


255.0000, 0.0000,
0.0000


 162.2230,
-11.4489, 32.2534


 236.9220, -8.3425,
15.8544


 135.6250,
-11.1541, 31.0239


 254.3160, -2.6208,
0.5999

 110.1410,
-10.4225, 29.6943

 85.5430, -10.1277,
28.4648

 61.7600, -9.2487,
26.5205

 39.0910, -7.9329,
24.4762

 16.6780, -8.2223,

23.9614

■ 0.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,
0.0000

■ 189.7070,
-12.1806, 33.5830

■ 189.7070,
-12.1806, 33.5830

■ 175.9320,
-16.7285, 45.6636

■ 203.4820, -7.6326,
21.5023

■ 162.1570,
-21.2764, 57.7443

■ 217.2570, -3.0847,
9.4216

■ 147.9090,
-25.0981, 70.2398

■ 231.5050, 0.7370,
-3.0739

■ 134.1340,
-29.6461, 82.3205

■ 245.1660, 4.8482,
-15.0546

■ 120.3590,
-34.1940, 94.4012

■ 246.9270, 3.9800,
-16.5990

■ 106.5840,
-38.7419, 106.4818

■ 92.8090, -43.2898,
118.5625

■ 89.3040, -44.0269,
121.6364

Harmonies

Analogous

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



190.8130, -2.8658, 32.6130



189.7070, -12.1806, 33.5830



188.0560, -18.2686, 26.2609

Triad

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



189.7070, -12.1806, 33.5830



181.0650, -5.4550, -23.7360



186.4660, 19.9833, -16.1947

Complementary

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



189.7070, -12.1806, 33.5830



203.2930, 12.1806, -33.5830

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.



182.3560, 20.0375, -33.6382



189.7070, -12.1806, 33.5830



179.4360, 5.2081, -37.2164

Square

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



189.7070, -12.1806, 33.5830



183.7700, -14.6766, -5.9373



179.6340, 14.9704, -41.7750



189.6320, 14.9714, 4.7077

Rectangle

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



189.7070, -12.1806, 33.5830



186.9470, -19.6939, 16.7095



179.6340, 14.9704, -41.7750



185.2480, 20.5837, -22.1425

Sweetspot

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



189.7070, -12.1806, 33.5830



242.7410, -3.8163, 10.7511



189.9930, 14.3005, 33.3321



120.0610, -2.4951, 6.9625



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.



189.7070, -12.1806, 33.5830



203.7470, -16.1443, 44.9489



207.9040, -21.1517, 17.6242



107.7620, -2.3477, 6.3477



69.9570, -34.4888, 95.6307



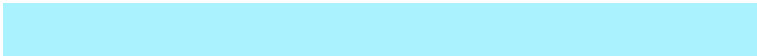
19.9450, -9.8329, 27.2352

Inverse Universe

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



203.2930, 12.1806, -33.5830



222.2530, 16.1443, -44.9489



185.0960, 21.1517, -17.6242



110.2380, 2.3477, -6.3477



108.4560, 34.7782, -95.1159



31.0550, 9.8329, -27.2352

Previews

White Background



This preview shows how the YUV color 189.7070, -12.1806, 33.5830 looks on a white background.

Color Contrast Check

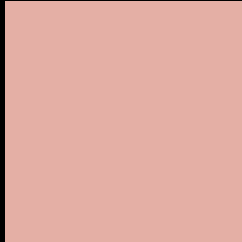
Large Text (above 18pt) WCAG AA × Fail

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 189.7070, -12.1806, 33.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

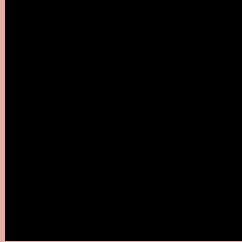
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.7070, -12.1806, 33.5830

Background



This preview shows how black text looks on a background with the YUV color 189.7070, -12.1806, 33.5830.



This preview shows how white text looks on a background with the YUV color 189.7070, -12.1806, 33.5830.

33.5830.

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

189.7070, -12.1806, 33.5830

Protanopia

187.5680, -8.1680, 6.5179

Deuteranopia

188.9290, -12.2900, 21.9873



Tritanopia

190.8240, -2.8712, 34.3574

Trichromacy



Original Color

189.7070, -12.1806, 33.5830

Protanomaly

188.5800, -9.6529, 16.1543

Deuteranomaly

189.2500, -12.4482, 26.0908

Tritanomaly

190.3140, -6.0708, 33.9276

Monochromacy



Original Color

189.7070, -12.1806, 33.5830

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.2250, -4.5479, 12.0807

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7070, -12.1806, 33.5830 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(228, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(228, 175, 165)  
}
```

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(228, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 175, 165) }
```

Border

The CSS property to change the border of an element to YUV 189.7070, -12.1806, 33.5830 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(228, 175, 165) }
```


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

```
.border{ border-color:rgb(228, 175, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(228, 175,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 189.7070, -12.1806, 33.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 175, 165) }
```

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

```
.background{ background-color: rgb(228,  
175, 165) }
```

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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