

Converting Colors

YUV(188.3330, -11.5032,
49.6970)

Have a look what the booklet for
YUV(188.3330, -11.5032, 49.6970)
contains.

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Color

**YUV(188.3330, -11.5032,
49.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A4A5
RGB	245, 164, 165
RGB Percent	96%, 64%, 65%
CMY	0.0392, 0.3569, 0.3529
CMYK	0.00, 0.33, 0.33, 0.04
HSL	359°, 80%, 80%
HSV	359°, 33%, 96%
XYZ	57.7232, 48.6800, 41.9511
YIQ	188.3330, 47.9550, 17.4830

Conversions

Conversions Part 2

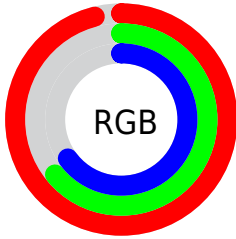
Format	Color
R _Y B	245, 164, 165
Decimal	16098469
CIE Lab	75.25, 30.10, 11.80
CIE LCh	75, 32.326, 21.407
Yxy	48.6800, 0.3891, 0.3281
Android (android.graphics.Color)	4294288549 (0xFFF5A4A5)
YUV	188.3330, -11.5032, 49.6970
Hunter-Lab	69.7711, 25.5777, 13.1905

Details

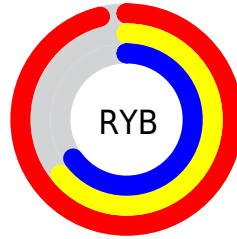
The YUV color **188.3330, -11.5032, 49.6970** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **220.6670, 11.5032, -49.6970**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4650, -5.1592, 21.5172**, and **133.9520, -10.3293, 46.5231** is the 20% darker color. If you saturate the color by 10%, you get **170.9220, -14.7515, 64.9664**, and if you desaturate by 10%, it is **205.7440, -8.2548, 34.4275**.

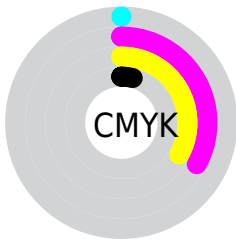
Distribution



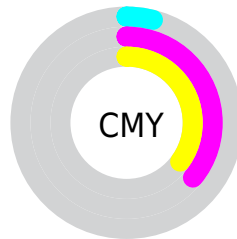
- Red (96%)
- Green (64%)
- Blue (65%)



- Red (96%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.3330, -11.5032, 49.6970 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 188.3330, -11.5032, 49.6970 by changing the saturation by 10% instead.

 188.3330,
-11.5032, 49.6970


 188.3330,
-11.5032, 49.6970


255.0000, 0.0000,
0.0000


 160.8490,
-10.7716, 48.3674


 230.4650, -5.1592,
21.5172


 133.9520,
-10.3293, 46.5231

 250.0930, -1.0318,
4.3034

 108.1690, -9.4503,
44.5788

 83.0870, -8.4239,
42.0197

 58.3040, -7.5449,
40.0754

 33.2760, -5.0661,
38.3459

 15.8470, -7.8126,

32.5832

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,
0.0000

■ 188.3330,
-11.5032, 49.6970

■ 188.3330,
-11.5032, 49.6970

■ 170.9220,
-14.7515, 64.9664

■ 205.7440, -8.2548,
34.4275

■ 154.0980,
-18.2893, 79.7211

■ 222.5680, -4.7170,
19.6729

■ 137.1600,
-22.2639, 94.5757

■ 240.0930, -1.0318,
4.3034

■ 119.7490,
-25.5123, 109.8451

■ 252.0100, 1.4741,
-6.1478

■ 102.9250,
-29.0500, 124.5998

■ 85.5140, -32.2984,
139.8692

■ 73.5970, -34.8043,
150.3204

Harmonies

Analogous

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



189.6600, 2.6326, 42.3942



188.3330, -11.5032, 49.6970



186.9010, -23.1222, 43.0598

Triad

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



188.3330, -11.5032, 49.6970



177.2470, -14.9118, -23.8956



179.7000, 31.6999, -40.9559

Complementary

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



188.3330, -11.5032, 49.6970



220.6670, 11.5032, -49.6970

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.



171.5630, 29.3024, -65.3918



188.3330, -11.5032, 49.6970



172.6210, 1.1728, -49.6566

Square

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



188.3330, -11.5032, 49.6970



181.2520, -25.7602, 2.4100



169.2670, 18.1094, -68.6402



186.9430, 26.6501, -7.8430

Rectangle

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



188.3330, -11.5032, 49.6970



184.9830, -27.5996, 32.4639



169.2670, 18.1094, -68.6402



176.9330, 31.5850, -50.8072

Sweetspot

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



188.3330, -11.5032, 49.6970



237.4750, -3.6852, 15.3694



197.1540, 23.5881, 41.0839



116.7840, -2.3585, 9.8364



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.



188.3330, -11.5032, 49.6970



183.6120, -14.5987, 62.6073



211.1120, -23.2262, 29.7198



113.5880, -1.7689, 7.3773



55.8420, -26.5441, 114.1486



17.7550, -8.2602, 36.1719

Inverse Universe

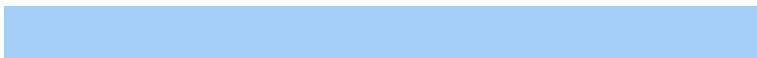
The Inverse Universe completely reimagines the original color for something new.



188.3330, -11.5032, 49.6970



183.6120, -14.5987, 62.6073



197.8880, 23.2262, -29.7198



113.5880, -1.7689, 7.3773



55.8420, -26.5441, 114.1486



17.7550, -8.2602, 36.1719

Previews

White Background



This preview shows how the YUV color 188.3330, -11.5032, 49.6970 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 188.3330, -11.5032, 49.6970 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 188.3330, -11.5032, 49.6970

Background



This preview shows how black text looks on a background with the YUV color 188.3330, -11.5032, 49.6970.



This preview shows how white text looks on a background with the YUV color 188.3330, -11.5032, 49.6970.

49.6970.

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

188.3330, -11.5032, 49.6970

Protanopia

185.7680, -4.8156, 4.5885

Deuteranopia

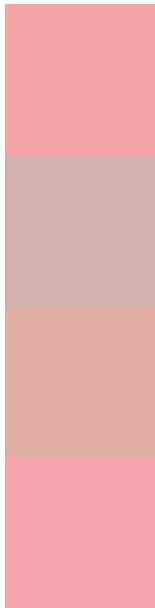
186.9290, -12.2900, 21.9873



Tritanopia

188.5980, -6.7038, 50.3416

Trichromacy



Original Color

188.3330, -11.5032, 49.6970

Protanomaly

186.5960, -7.1958, 21.4023

Deuteranomaly

187.6960, -12.1751, 31.8386

Tritanomaly

188.7290, -8.7404, 50.2267

Monochromacy



Original Color

188.3330, -11.5032, 49.6970

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0840, -3.9854, 18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3330, -11.5032, 49.6970 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(245, 164, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 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(245, 164, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 165) }
```

Border

The CSS property to change the border of an element to YUV 188.3330, -11.5032, 49.6970 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(245, 164, 165) }
```


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

```
.border{ border-color:rgb(245, 164, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 164, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 165);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 188.3330, -11.5032, 49.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 165) }
```

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

```
.background{ background-color: rgb(245,  
164, 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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