

Converting Colors

YUV(188.1890, -3.0512,
45.4382)

Have a look what the booklet for
YUV(188.1890, -3.0512, 45.4382)
contains.

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Color

**YUV(188.1890, -3.0512,
45.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A3B6
RGB	240, 163, 182
RGB Percent	94%, 64%, 71%
CMY	0.0588, 0.3608, 0.2863
CMYK	0.00, 0.32, 0.24, 0.06
HSL	345°, 72%, 79%
HSV	345°, 32%, 94%
XYZ	57.4759, 48.0970, 50.5103
YIQ	188.1890, 39.7930, 22.2330

Conversions

Conversions Part 2

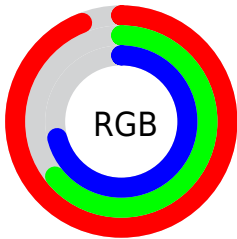
Format	Color
R _Y B	240, 163, 182
Decimal	15770550
CIE Lab	74.89, 31.07, 1.88
CIE LCh	75, 31.123, 3.457
Yxy	48.0970, 0.3682, 0.3081
Android (android.graphics.Color)	4293960630 (0xFFFF0A3B6)
YUV	188.1890, -3.0512, 45.4382
Hunter-Lab	69.3520, 26.5668, 5.3645

Details

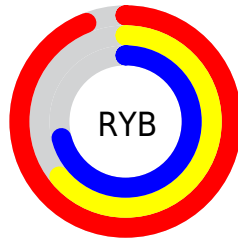
The YUV color **188.1890, -3.0512, 45.4382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **214.8110, 3.0512, -45.4382**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9300, 2.9925, 20.2324**, and **133.9930, -2.4615, 42.9791** is the 20% darker color. If you saturate the color by 10%, you get **172.0490, -3.9682, 59.5930**, and if you desaturate by 10%, it is **204.3290, -2.1342, 31.2835**.

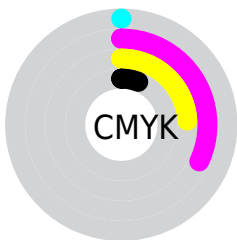
Distribution



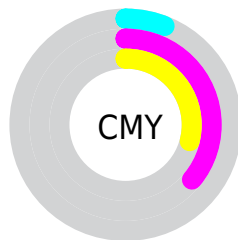
- Red (94%)
- Green (64%)
- Blue (71%)



- Red (94%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (6%)





- Cyan (6%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.1890, -3.0512, 45.4382 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 188.1890, -3.0512, 45.4382 by changing the saturation by 10% instead.

 188.1890, -3.0512,
45.4382

 188.1890, -3.0512,
45.4382

255.0000, 0.0000,
0.0000


 160.5910, -2.7564,
44.2087


 231.9300, 2.9925,
20.2324

 133.9930, -2.4615,
42.9791

 250.3040, 2.3151,
4.1184

 108.0960, -2.0193,
41.1348

 83.1990, -1.5771,
39.2905

 58.4160, -0.6981,
37.3462

 33.5730, 1.1965,
36.3315

 16.8450, -1.4026,

29.9539

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,
0.0000

■ 188.1890, -3.0512,
45.4382

■ 188.1890, -3.0512,
45.4382

■ 172.0490, -3.9682,
59.5930

■ 204.3290, -2.1342,
31.2835

■ 155.9090, -4.8851,
73.7478

■ 220.4690, -1.2172,
17.1287

■ 139.7690, -5.8021,
87.9026

■ 236.6090, -0.3002,
2.9739

■ 123.6290, -6.7191,
102.0574

■ 250.4010, 1.7743,
-9.1217

■ 107.4890, -7.6361,
116.2121

■ 250.5150, 2.2111,
-9.2217

■ 91.3490, -8.5531,
130.3669

■ 78.4860, -9.6066,
141.6478

Harmonies

Analogous

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



188.9450, 10.3801, 30.7432



188.1890, -3.0512, 45.4382



186.7580, -16.1497, 46.6932

Triad

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



188.1890, -3.0512, 45.4382



179.0380, -21.2177, -7.9263



174.1560, 29.9961, -54.5108

Complementary

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



188.1890, -3.0512, 45.4382



214.8110, 3.0512, -45.4382

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.



169.1300, 22.6139, -66.7660



188.1890, -3.0512, 45.4382



175.2010, -8.4801, -33.5023

Square

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



188.1890, -3.0512, 45.4382



182.5850, -27.4034, 16.1500



170.7110, 8.0305, -55.8745



182.1040, 29.0357, -26.4012

Rectangle

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



188.1890, -3.0512, 45.4382



185.5910, -22.9694, 40.7007



170.7110, 8.0305, -55.8745



171.9550, 28.1232, -60.4735

Sweetspot

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



188.1890, -3.0512, 45.4382



238.1590, -1.0644, 14.7696



189.1200, 25.0838, 27.9588



117.2400, -0.6113, 9.4365



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.



188.1890, -3.0512, 45.4382



188.3370, -4.1101, 58.4635



197.1760, -16.8488, 37.5566



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Inverse Universe

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



188.1890, -3.0512, 45.4382



188.3370, -4.1101, 58.4635



205.8240, 16.8488, -37.5566



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Previews

White Background



This preview shows how the YUV color 188.1890, -3.0512, 45.4382 looks on a white background.

Color Contrast Check

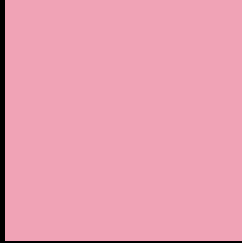
Large Text (above 18pt) WCAG AA × Fail

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 188.1890, -3.0512, 45.4382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

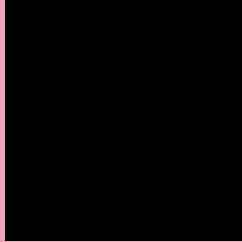
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.1890, -3.0512, 45.4382

Background



This preview shows how black text looks on a background with the YUV color 188.1890, -3.0512, 45.4382.



This preview shows how white text looks on a background with the YUV color 188.1890, -3.0512,

45.4382.

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

188.1890, -3.0512, 45.4382

Protanopia

185.4390, 4.2206, -0.3850

Deuteranopia

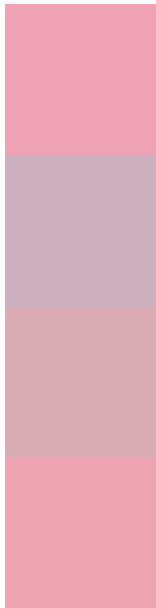
186.7740, -3.8326, 15.9842



Tritanopia

187.7930, -5.8139, 44.9085

Trichromacy



Original Color

188.1890, -3.0512, 45.4382

Protanomaly

186.2670, 1.8404, 16.4288

Deuteranomaly

187.2530, -3.5757, 26.9651

Tritanomaly

188.0210, -4.9404, 44.7086

Monochromacy



Original Color

188.1890, -3.0512, 45.4382

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1700, -1.0698, 16.5139

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1890, -3.0512, 45.4382 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(240, 163, 182)` looks like.

```
.text, #text, p{  
    color:rgb(240, 163, 182)  
}
```

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(240, 163, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 163, 182) }
```

Border

The CSS property to change the border of an element to YUV 188.1890, -3.0512, 45.4382 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(240, 163, 182) }
```


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

```
.border{ border-color:rgb(240, 163, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 163, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 163, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 163, 182);  
box-shadow:4px 4px 4px 4px rgb(240, 163,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 188.1890, -3.0512, 45.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 163, 182) }
```

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

```
.background{ background-color: rgb(240,  
163, 182) }
```

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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