

Converting Colors

YUV(188.3120, -12.9718,
54.1004)

Have a look what the booklet for
YUV(188.3120, -12.9718, 54.1004)
contains.

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Color

**YUV(188.3120, -12.9718,
54.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA2A2
RGB	250, 162, 162
RGB Percent	98%, 64%, 64%
CMY	0.0196, 0.3647, 0.3647
CMYK	0.00, 0.35, 0.35, 0.02
HSL	0°, 90%, 81%
HSV	0°, 35%, 98%
XYZ	58.8663, 48.7733, 40.4940
YIQ	188.3120, 52.4480, 18.6560

Conversions

Conversions Part 2

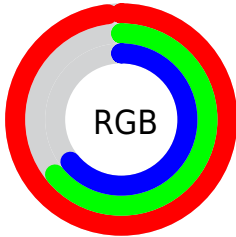
Format	Color
R _Y B	250, 162, 162
Decimal	16425634
CIE Lab	75.31, 32.62, 13.60
CIE LCh	75, 35.344, 22.638
Yxy	48.7733, 0.3974, 0.3293
Android (android.graphics.Color)	4294615714 (0xFFFAA2A2)
YUV	188.3120, -12.9718, 54.1004
Hunter-Lab	69.8379, 28.2411, 14.5085

Details

The YUV color **188.3120, -12.9718, 54.1004** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **223.6880, 12.9718, -54.1004**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9490, -5.8909, 22.8467**, and **133.6320, -11.6506, 50.3117** is the 20% darker color. If you saturate the color by 10%, you get **170.7870, -16.6570, 69.4698**, and if you desaturate by 10%, it is **205.8370, -9.2866, 38.7310**.

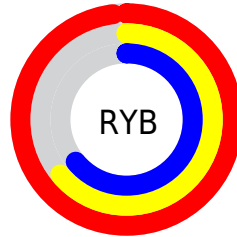
Distribution



Red (98%)

Green (64%)

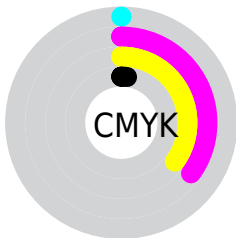
Blue (64%)



Red (98%)

Yellow (64%)

Blue (64%)

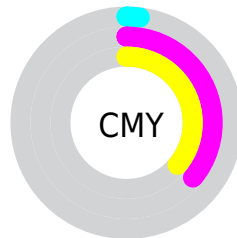


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (2%)



Cyan (2%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3120, -12.9718, 54.1004 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 188.3120, -12.9718, 54.1004 by changing the saturation by 10% instead.

188.3120,
-12.9718, 54.1004

188.3120,
-12.9718, 54.1004

255.0000, 0.0000,
0.0000

160.5290,
-12.0928, 52.1561

228.9490, -5.8909,
22.8467

133.6320,
-11.6506, 50.3117

248.5770, -1.7635,
5.6330

107.8490,
-10.7716, 48.3674

82.1800, -9.4557,
46.3231

57.2120, -7.9925,
43.6641

31.8960, -5.3717,
43.0642

16.4450, -8.1074,

33.8127

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 188.3120,
-12.9718, 54.1004

■ 188.3120,
-12.9718, 54.1004

■ 170.7870,
-16.6570, 69.4698

■ 205.8370, -9.2866,
38.7310

■ 153.2620,
-20.3422, 84.8392

■ 223.3620, -5.6015,
23.3615

■ 135.7370,
-24.0273, 100.2087

■ 240.8870, -1.9163,
7.9921

■ 118.2120,
-27.7125, 115.5781

■ 253.5050, 0.7370,
-3.0739

■ 100.6870,
-31.3977, 130.9475

■ 83.1620, -35.0829,
146.3169

■ 74.7500, -36.8518,
153.6943

Harmonies

Analogous

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



189.6930, 2.6164, 47.6272



188.3120, -12.9718, 54.1004



186.6410, -25.4590, 45.9188

Triad

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



188.3120, -12.9718, 54.1004



176.6980, -15.6271, -27.7991



178.7750, 34.6209, -44.5297

Complementary

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



188.3120, -12.9718, 54.1004



223.6880, 12.9718, -54.1004

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.



168.5340, 33.2607, -75.0133



188.3120, -12.9718, 54.1004



170.9190, 2.5049, -56.9340

Square

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



188.3120, -12.9718, 54.1004



180.7850, -27.5020, 1.0656



165.4120, 21.4889, -79.2913



186.8120, 28.6867, -7.7281

Rectangle

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



188.3120, -12.9718, 54.1004



185.0110, -30.0784, 34.1934



165.4120, 21.4889, -79.2913



175.5240, 35.2377, -55.7105

Sweetspot

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



188.3120, -12.9718, 54.1004



235.3720, -4.1274, 17.2138



198.3440, 25.4664, 45.3023



116.0830, -2.5059, 10.4512



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.



188.3120, -12.9718, 54.1004



179.9930, -15.7725, 65.7811



214.1400, -25.7050, 31.4492



115.8870, -1.9163, 7.9921



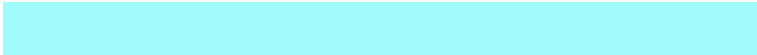
56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

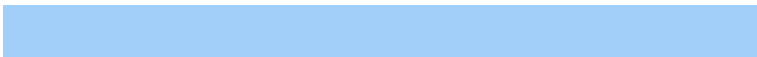
The Inverse Universe completely reimagines the original color for something new.



223.6880, 12.9718, -54.1004



223.0070, 15.7725, -65.7811



197.8600, 25.7050, -31.4492



121.1130, 1.9163, -7.9921



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 188.3120, -12.9718, 54.1004 looks on a white background.

Color Contrast Check

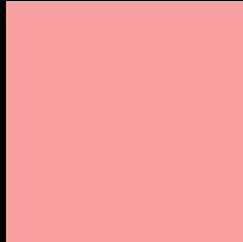
Large Text (above 18pt) WCAG AA × Fail

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 188.3120, -12.9718, 54.1004 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 188.3120, -12.9718, 54.1004

Background



This preview shows how black text looks on a background with the YUV color 188.3120, -12.9718, 54.1004.



This preview shows how white text looks on a background with the YUV color 188.3120, -12.9718, 54.1004.

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

188.3120, -12.9718, 54.1004

Protanopia

185.8390, -5.8366, 5.4032

Deuteranopia

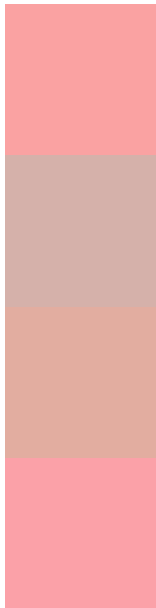
186.8860, -13.7478, 22.9020



Tritanopia

188.5770, -8.1725, 54.7450

Trichromacy



Original Color

188.3120, -12.9718, 54.1004

Protanomaly

186.9660, -8.3642, 22.8318

Deuteranomaly

187.3650, -13.4909, 33.8829

Tritanomaly

188.7080, -10.2090, 54.6301

Monochromacy



Original Color

188.3120, -12.9718, 54.1004

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.5680, -4.7170, 19.6729

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3120, -12.9718, 54.1004 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(250, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(250, 162, 162)  
}
```

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(250, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 162, 162) }
```

Border

The CSS property to change the border of an element to YUV 188.3120, -12.9718, 54.1004 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(250, 162, 162) }
```


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

```
.border{ border-color:rgb(250, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 162, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 162, 162); box-shadow:4px 4px 4px 4px rgb(250, 162, 162) }
```

Background

The CSS property to change the background color of an element to YUV 188.3120, -12.9718, 54.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 162, 162) }
```

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

```
.background{ background-color: rgb(250,  
162, 162) }
```

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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