

Converting Colors

YUV(208.4170, -42.6036,
38.2223)

Have a look what the booklet for
YUV(208.4170, -42.6036, 38.2223)
contains.

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Color

**YUV(208.4170, -42.6036,
38.2223)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCB7A
RGB	252, 203, 122
RGB Percent	99%, 80%, 48%
CMY	0.0118, 0.2039, 0.5216
CMYK	0.00, 0.19, 0.52, 0.01
HSL	37°, 96%, 73%
HSV	37°, 52%, 99%
XYZ	65.0137, 64.8125, 27.4958
YIQ	208.4170, 55.2050, -14.8030

Conversions

Conversions Part 2

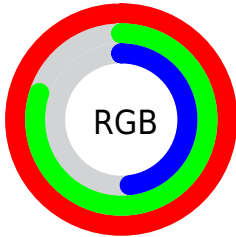
Format	Color
R _Y B	201, 252, 122
Decimal	16567162
CIE Lab	84.39, 7.84, 46.67
CIE LCh	84, 47.321, 80.458
Yxy	64.8125, 0.4133, 0.4120
Android (android.graphics.Color)	4294757242 (0xFFFCB7A)
YUV	208.4170, -42.6036, 38.2223
Hunter-Lab	80.5062, 3.2638, 36.1046

Details

The YUV color $208.4170, -42.6036, 38.2223$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $165.5830, 42.6036, -38.2223$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.9940, -34.5070, 7.8983$, and $153.2640, -40.5562, 34.8485$ is the 20% darker color. If you saturate the color by 10%, you get $200.2840, -50.9190, 45.3549$, and if you desaturate by 10%, it is $216.5500, -34.2881, 31.0897$.

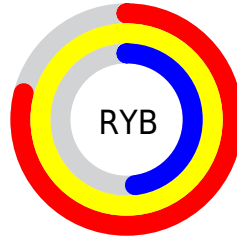
Distribution



Red (99%)

Green (80%)

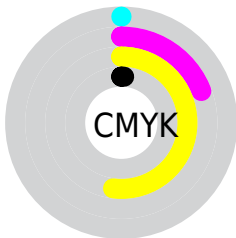
Blue (48%)



Red (79%)

Yellow (99%)

Blue (48%)

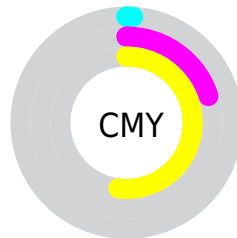


Cyan (0%)

Magenta (19%)

Yellow (52%)

Black (1%)



Cyan (1%)

Magenta (20%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.4170, -42.6036, 38.2223 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 208.4170, -42.6036, 38.2223 by changing the saturation by 10% instead.

208.4170,
-42.6036, 38.2223

208.4170,
-42.6036, 38.2223

255.0000, 0.0000,
0.0000

180.6340,
-41.7246, 36.2780

245.9940,
-34.5070, 7.8983

153.2640,
-40.5562, 34.8485

249.1860,
-22.2767, 5.0989

126.4810,
-39.6771, 32.9042

252.3780,
-10.0464, 2.2995

100.9430,
-40.3979, 30.7450

76.3170, -37.6243,
27.7860

55.0420, -27.1357,
23.6422

34.6420, -17.0785,

17.8540

■ 14.5520, -7.1741,
14.4249

■ 0.0000, 0.0000,
0.0000

■ 208.4170,
-42.6036, 38.2223

■ 208.4170,
-42.6036, 38.2223

■ 200.2840,
-50.9190, 45.3549

■ 216.5500,
-34.2881, 31.0897

■ 191.5640,
-58.9451, 53.0024

■ 225.2700,
-26.2621, 23.4422

■ 183.3170,
-67.6973, 60.2350

■ 233.5170,
-17.5099, 16.2096

■ 174.5970,
-75.7233, 67.8824

■ 242.2370, -9.4838,
8.5622

167.5070,
-82.5810, 74.1004

250.3700, -1.1684,
1.4295

254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



202.3160, -29.2428, 46.2039



208.4170, -42.6036, 38.2223



204.1200, -39.0062, 4.2798

Triad

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



208.4170, -42.6036, 38.2223



164.7180, 37.1140, -144.4577



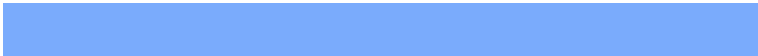
215.0730, 19.6840, 33.2620

Complementary

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



208.4170, -42.6036, 38.2223



165.5830, 42.6036, -38.2223

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.



206.8240, 23.7508, -11.2466



208.4170, -42.6036, 38.2223



163.4930, 45.1130, -143.3834

Square

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



208.4170, -42.6036, 38.2223



187.2920, 3.3070, -80.9401



192.3070, 30.9076, -66.9212



206.0220, 10.3422, 42.9537

Rectangle

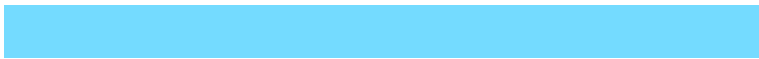
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.4170, -42.6036, 38.2223



200.4740, -29.3207, -22.3407



192.3070, 30.9076, -66.9212



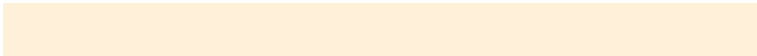
212.9250, 20.7430, 20.2368

Sweetspot

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



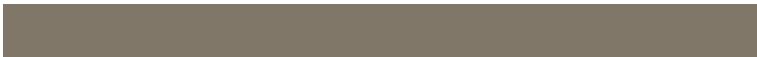
208.4170, -42.6036, 38.2223



242.4500, -12.5468, 11.0064



166.5700, 2.6770, 74.9221



120.0950, -7.4418, 6.9327



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.



208.4170, -42.6036, 38.2223



201.7680, -51.6506, 46.6845



232.6950, -54.5726, 3.7755



120.5830, -4.2314, 3.8737



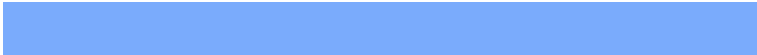
125.7770, -62.0081, 55.4466



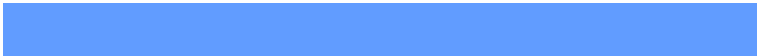
40.5450, -19.9887, 17.9390

Inverse Universe

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



165.5830, 42.6036, -38.2223



149.6450, 51.9400, -46.1697



141.3050, 54.5726, -3.7755



116.4170, 4.2314, -3.8737



63.2230, 62.0081, -55.4466



20.4550, 19.9887, -17.9390

Previews

White Background



This preview shows how the YUV color 208.4170, -42.6036, 38.2223 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 208.4170, -42.6036, 38.2223 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 208.4170, -42.6036, 38.2223

Background



This preview shows how black text looks on a background with the YUV color 208.4170, -42.6036, 38.2223.



This preview shows how white text looks on a background with the YUV color 208.4170, -42.6036, 38.2223.

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

208.4170, -42.6036, 38.2223

Protanopia

207.1760, -40.5128, 20.8936

Deuteranopia

208.7100, -40.2830, 40.5963



Tritanopia

214.4220, -3.1660, 35.5869

Trichromacy



Original Color

208.4170, -42.6036, 38.2223

Protanomaly

207.6930, -41.2606, 27.4562

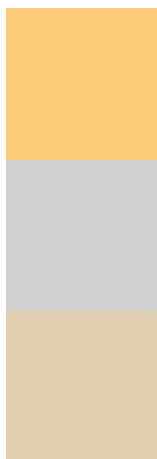
Deuteranomaly

208.7700, -41.2986, 39.6667

Tritanomaly

212.3500, -17.4275, 36.5271

Monochromacy



Original Color

208.4170, -42.6036, 38.2223

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.0760, -15.3205, 13.9653

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.4170, -42.6036, 38.2223 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(252, 203, 122)` looks like.

```
.text, #text, p{  
    color:rgb(252, 203, 122)  
}
```

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(252, 203, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 203, 122) }
```

Border

The CSS property to change the border of an element to YUV 208.4170, -42.6036, 38.2223 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(252, 203, 122) }
```


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

```
.border{ border-color:rgb(252, 203, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 203, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 203, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 203, 122);  
box-shadow:4px 4px 4px 4px rgb(252, 203,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 208.4170, -42.6036, 38.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 203, 122) }
```

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

```
.background{ background-color: rgb(252,  
203, 122) }
```

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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