

Converting Colors

YUV(208.6470, -48.1400,
40.6516)

Have a look what the booklet for
YUV(208.6470, -48.1400, 40.6516)
contains.

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Color

**YUV(208.6470, -48.1400,
40.6516)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC6F
RGB	255, 204, 111
RGB Percent	100%, 80%, 44%
CMY	0.0000, 0.2000, 0.5647
CMYK	0.00, 0.20, 0.56, 0.00
HSL	39°, 100%, 72%
HSV	39°, 56%, 100%
XYZ	65.7021, 65.5934, 24.2368
YIQ	208.6470, 60.2490, -18.1110

Conversions

Conversions Part 2

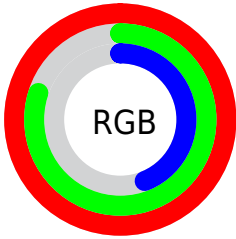
Format	Color
R_{YB}	190, 255, 111
Decimal	16764015
CIE _{Lab}	84.79, 7.66, 52.56
CIE _{LCh}	85, 53.120, 81.706
Yxy	65.5934, 0.4224, 0.4217
Android (android.graphics.Color)	4294954095 (0xFFFFCC6F)
YUV	208.6470, -48.1400, 40.6516
Hunter-Lab	80.9898, 3.0742, 38.9498

Details

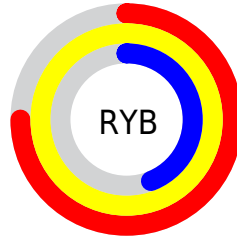
The YUV color **208.6470, -48.1400, 40.6516** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **157.3530, 48.1400, -40.6516**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.7400, -39.3118, 8.9980**, and **153.0810, -46.3819, 36.7630** is the 20% darker color. If you saturate the color by 10%, you get **200.5140, -56.4554, 47.7842**, and if you desaturate by 10%, it is **216.8940, -39.3877, 33.4190**.

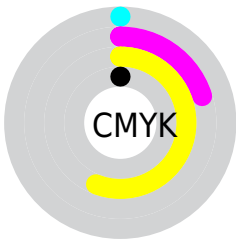
Distribution



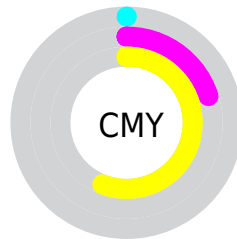
- Red (100%)
- Green (80%)
- Blue (44%)



- Red (75%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.6470, -48.1400, 40.6516 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 208.6470, -48.1400, 40.6516 by changing the saturation by 10% instead.

208.6470,
-48.1400, 40.6516

208.6470,
-48.1400, 40.6516

255.0000, 0.0000,
0.0000

180.8640,
-47.2610, 38.7073

244.7400,
-39.3118, 8.9980

153.0810,
-46.3819, 36.7630

247.9320,
-27.0815, 6.1986

126.1840,
-45.9397, 34.9186

251.1240,
-14.8511, 3.3993

99.9620, -49.2813,
33.3593

254.4300, -2.1840,
0.4999

77.5020, -38.2085,
28.5007

55.6290, -27.4251,
23.1274

35.5280, -17.5153,

17.9539

■ 16.0250, -7.9003,
14.0101

■ 0.0000, 0.0000,
0.0000

■ 208.6470,
-48.1400, 40.6516

■ 208.6470,
-48.1400, 40.6516

■ 200.5140,
-56.4554, 47.7842

■ 216.8940,
-39.3877, 33.4190

■ 192.2670,
-65.2076, 55.0168

■ 225.0270,
-31.0723, 26.2863

■ 184.0200,
-73.9599, 62.2495

■ 233.2740,
-22.3201, 19.0537

■ 175.8870,
-82.2753, 69.3821

■ 241.4070,
-14.0047, 11.9211

173.1000,
-85.3383, 71.8263

249.6540, -5.2524,
4.6884

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



200.8170, -32.4478, 47.5185



208.6470, -48.1400, 40.6516



203.9580, -43.3633, 1.7908

Triad

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



208.6470, -48.1400, 40.6516



167.2770, 39.3034, -146.7019



213.9100, 20.2574, 36.0359

Complementary

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



208.6470, -48.1400, 40.6516



157.3530, 48.1400, -40.6516

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.



207.1230, 23.6034, -10.6319



208.6470, -48.1400, 40.6516



165.2540, 44.2448, -144.9278

Square

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



208.6470, -48.1400, 40.6516



180.8980, 7.4453, -101.6425



187.8000, 33.1296, -79.6316



203.2010, 12.2259, 45.4277

Rectangle

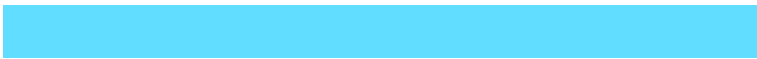
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.6470, -48.1400, 40.6516



199.6430, -32.3620, -26.8739



187.8000, 33.1296, -79.6316



213.5450, 20.4373, 24.9550

Sweetspot

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



208.6470, -48.1400, 40.6516



241.2930, -14.4414, 12.0210



160.0980, 1.9237, 83.2291



119.1660, -8.4628, 7.7474



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.



208.6470, -48.1400, 40.6516



199.4710, -57.9132, 48.6989



232.9030, -60.0982, 2.7161



123.5830, -4.2314, 3.8737



129.8970, -64.0392, 53.5873



43.2030, -21.2991, 18.2390

Inverse Universe

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



157.3530, 48.1400, -40.6516



137.5290, 57.9132, -48.6989



133.0970, 60.0982, -2.7161



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 208.6470, -48.1400, 40.6516 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 208.6470, -48.1400, 40.6516 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 208.6470, -48.1400, 40.6516

Background



This preview shows how black text looks on a background with the YUV color 208.6470, -48.1400, 40.6516.



This preview shows how white text looks on a background with the YUV color 208.6470, -48.1400,

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

208.6470, -48.1400, 40.6516

Protanopia

207.1070, -45.9018, 22.7082

Deuteranopia

209.9980, -40.4250, 39.4668



Tritanopia

215.0090, -3.4554, 35.0721

Trichromacy



Original Color

208.6470, -48.1400, 40.6516

Protanomaly

207.6240, -46.6496, 29.2708

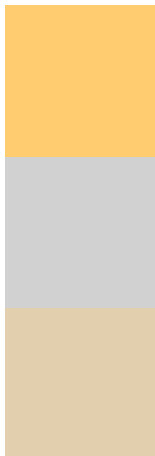
Deuteranomaly

209.3140, -43.0458, 40.0666

Tritanomaly

212.7800, -19.6115, 37.0269

Monochromacy



Original Color

208.6470, -48.1400, 40.6516

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.8050, -17.6519, 15.0800

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.6470, -48.1400, 40.6516 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(255, 204, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 111)  
}
```

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(255, 204, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 111) }
```

Border

The CSS property to change the border of an element to YUV 208.6470, -48.1400, 40.6516 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(255, 204, 111) }
```


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

```
.border{ border-color:rgb(255, 204, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 208.6470, -48.1400, 40.6516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 111) }
```

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

```
.background{ background-color: rgb(255,  
204, 111) }
```

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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