

Converting Colors

YUV(208.0590, -46.3711,
33.2743)

Have a look what the booklet for
YUV(208.0590, -46.3711, 33.2743)
contains.

YUV(208.0590, -46.3711, 33.2743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(208.0590, -46.3711,
33.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CF72
RGB	246, 207, 114
RGB Percent	96%, 81%, 45%
CMY	0.0353, 0.1882, 0.5529
CMYK	0.00, 0.16, 0.54, 0.04
HSL	42°, 88%, 71%
HSV	42°, 54%, 96%
XYZ	63.3561, 65.4334, 25.2103
YIQ	208.0590, 53.0970, -20.6550

Conversions

Conversions Part 2

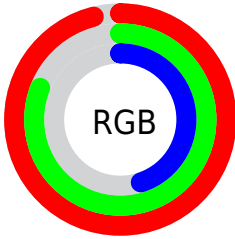
Format	Color
R _Y B	169, 246, 114
Decimal	16174962
CIE Lab	84.71, 2.69, 50.82
CIE LCh	85, 50.893, 86.969
Yxy	65.4334, 0.4114, 0.4249
Android (android.graphics.Color)	4294365042 (0xFFFF6CF72)
YUV	208.0590, -46.3711, 33.2743
Hunter-Lab	80.8909, -1.7527, 38.1455

Details

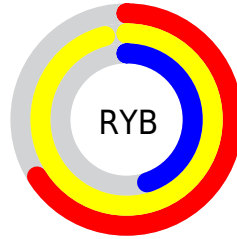
The YUV color $208.0590, -46.3711, 33.2743$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $151.9410, 46.3711, -33.2743$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0820, -38.0014, 8.6981$, and $152.7920, -44.7605, 30.0004$ is the 20% darker color. If you saturate the color by 10%, you get $201.1000, -55.2653, 39.3773$, and if you desaturate by 10%, it is $215.0180, -37.4769, 27.1712$.

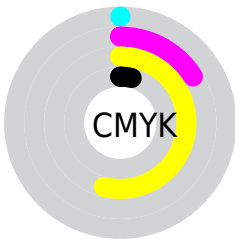
Distribution



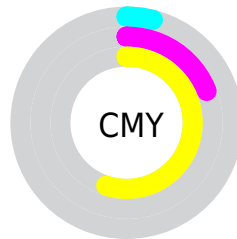
- Red (96%)
- Green (81%)
- Blue (45%)



- Red (66%)
- Yellow (96%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (19%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.0590, -46.3711, 33.2743 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 208.0590, -46.3711, 33.2743 by changing the saturation by 10% instead.

208.0590,
-46.3711, 33.2743

208.0590,
-46.3711, 33.2743

255.0000, 0.0000,
0.0000

180.2760,
-45.4921, 31.3299

245.0820,
-38.0014, 8.6981

152.7920,
-44.7605, 30.0004

248.2740,
-25.7711, 5.8987

125.8950,
-44.3182, 28.1561

251.4660,
-13.5407, 3.0993

99.0860, -47.3704,
27.1116

254.7720, -0.8736,
0.2000

76.5830, -37.7554,
23.1677

55.5960, -27.4088,
17.8943

35.4950, -17.4990,

12.7209

■ 15.9920, -7.8841,
8.7770

■ 0.0000, 0.0000,
0.0000

■ 208.0590,
-46.3711, 33.2743

■ 208.0590,
-46.3711, 33.2743

■ 201.1000,
-55.2653, 39.3773

■ 215.0180,
-37.4769, 27.1712

■ 193.6680,
-63.4333, 45.8952

■ 222.4500,
-29.3088, 20.6534

■ 186.7090,
-72.3275, 51.9982

■ 229.4090,
-20.4146, 14.5503

■ 179.8640,
-80.7850, 58.0013

■ 236.2540,
-11.9572, 8.5472

■ 175.1050,
-86.3268, 62.1749

■ 243.2130, -3.0630,
2.4442

■ 249.9610, 2.4842,
-3.4738

■ 252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



202.8230, -34.9157, 45.7592



208.0590, -46.3711, 33.2743



203.5380, -39.7052, -4.8568

Triad

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



208.0590, -46.3711, 33.2743



167.3740, 42.2136, -146.7870



212.7360, 20.8362, 37.0655

Complementary

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



208.0590, -46.3711, 33.2743



151.9410, 46.3711, -33.2743

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.



209.5480, 22.4078, -0.4806



208.0590, -46.3711, 33.2743



164.0800, 44.8236, -143.8982

Square

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



208.0590, -46.3711, 33.2743



179.2440, 12.6977, -106.3310



194.4110, 29.8704, -60.8734



202.6480, 7.5685, 45.9127

Rectangle

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



208.0590, -46.3711, 33.2743



198.6790, -26.9567, -33.9215



194.4110, 29.8704, -60.8734



214.7630, 19.8368, 30.9028

Sweetspot

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



208.0590, -46.3711, 33.2743



243.2820, -14.4360, 10.2767



158.0280, -1.9858, 77.1514



120.4540, -8.6048, 6.6178



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.



208.0590, -46.3711, 33.2743



208.2420, -57.3073, 41.0068



223.1780, -53.8248, -2.7871



118.8710, -4.3734, 2.7441



132.5110, -65.3279, 46.9099



41.7080, -20.5620, 15.1651

Inverse Universe

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



151.9410, 46.3711, -33.2743



138.7580, 57.3073, -41.0068



136.8220, 53.8248, 2.7871



113.7160, 4.0840, -3.2589



53.4890, 65.3279, -46.9099



16.7050, 20.8514, -14.6503

Previews

White Background



This preview shows how the YUV color 208.0590, -46.3711, 33.2743 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 208.0590, -46.3711, 33.2743 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 208.0590, -46.3711, 33.2743 Background



This preview shows how black text looks on a background with the YUV color 208.0590, -46.3711, 33.2743.



This preview shows how white text looks on a background with the YUV color 208.0590, -46.3711, 33.2743.

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

208.0590, -46.3711, 33.2743

Protanopia

207.3350, -45.0282, 22.5082

Deuteranopia

209.9980, -40.4250, 39.4668



Tritanopia

215.3510, -2.1450, 34.7722

Trichromacy



Original Color

208.0590, -46.3711, 33.2743

Protanomaly

207.5420, -45.6232, 26.7117

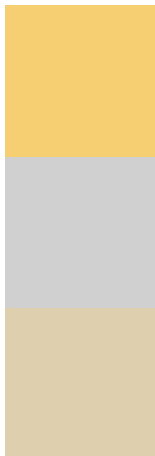
Deuteranomaly

209.1180, -42.4562, 37.6075

Tritanomaly

212.8120, -18.1483, 34.3679

Monochromacy



Original Color

208.0590, -46.3711, 33.2743

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.3100, -16.9148, 12.0061

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.0590, -46.3711, 33.2743 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(246, 207, 114)` looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 114)  
}
```

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(246, 207, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 114) }
```

Border

The CSS property to change the border of an element to YUV 208.0590, -46.3711, 33.2743 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(246, 207, 114) }
```


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

```
.border{ border-color:rgb(246, 207, 114) }
```

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

Here you see how a box with a 4 pixel rgb(246, 207, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 114);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 208.0590, -46.3711, 33.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 114) }
```

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

```
.background{ background-color: rgb(246,  
207, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor