

Converting Colors

YUV(208.9890, -46.8296,
40.3516)

Have a look what the booklet for
YUV(208.9890, -46.8296, 40.3516)
contains.

YUV(208.9890, -46.8296, 40.3516)	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(208.9890, -46.8296,
40.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC72
RGB	255, 204, 114
RGB Percent	100%, 80%, 45%
CMY	0.0000, 0.2000, 0.5529
CMYK	0.00, 0.20, 0.55, 0.00
HSL	38°, 100%, 72%
HSV	38°, 55%, 100%
XYZ	65.8701, 65.6606, 25.1216
YIQ	208.9890, 59.2860, -17.1780

Conversions

Conversions Part 2

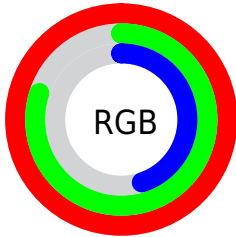
Format	Color
RYB	194, 255, 114
Decimal	16764018
CIELab	84.82, 7.89, 51.17
CIElCh	85, 51.771, 81.233
Yxy	65.6606, 0.4205, 0.4191
Android (android.graphics.Color)	4294954098 (0xFFFFCC72)
YUV	208.9890, -46.8296, 40.3516
Hunter-Lab	81.0313, 3.2976, 38.3406

Details

The YUV color $208.9890, -46.8296, 40.3516$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $160.0110, 46.8296, -40.3516$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0820, -38.0014, 8.6981$, and $153.4230, -45.0715, 36.4630$ is the 20% darker color. If you saturate the color by 10%, you get $200.8560, -55.1450, 47.4843$, and if you desaturate by 10%, it is $217.2360, -38.0773, 33.1190$.

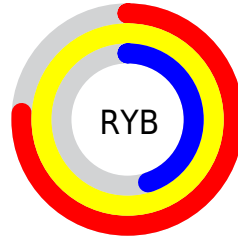
Distribution



Red (100%)

Green (80%)

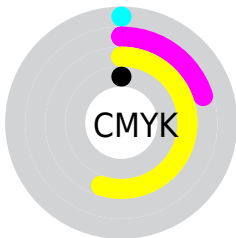
Blue (45%)



Red (76%)

Yellow (100%)

Blue (45%)

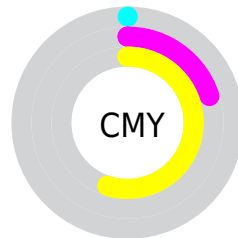


Cyan (0%)

Magenta (20%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.9890, -46.8296, 40.3516 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 208.9890, -46.8296, 40.3516 by changing the saturation by 10% instead.

208.9890,
-46.8296, 40.3516

208.9890,
-46.8296, 40.3516

255.0000, 0.0000,
0.0000

181.2060,
-45.9506, 38.4073

245.0820,
-38.0014, 8.6981

153.4230,
-45.0715, 36.4630

248.2740,
-25.7711, 5.8987

126.5260,
-44.6293, 34.6187

251.4660,
-13.5407, 3.0993

100.4180,
-47.5341, 32.9594

254.7720, -0.8736,
0.2000

77.5020, -38.2085,
28.5007

55.9280, -27.5725,
23.7421

35.5280, -17.5153,

17.9539

■ 16.0250, -7.9003,
14.0101

■ 0.0000, 0.0000,
0.0000

■ 208.9890,
-46.8296, 40.3516

■ 208.9890,
-46.8296, 40.3516

■ 200.8560,
-55.1450, 47.4843

■ 217.2360,
-38.0773, 33.1190

■ 192.6090,
-63.8972, 54.7169

■ 225.3690,
-29.7619, 25.9864

■ 183.7750,
-72.3601, 62.4643

■ 234.2030,
-21.2991, 18.2390

■ 175.6420,
-80.6755, 69.5970

■ 242.3360,
-12.9836, 11.1063

171.9260,
-84.7595, 72.8559

250.5830, -4.2314,
3.8737

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.



201.6320, -31.8636, 46.8037



208.9890, -46.8296, 40.3516



204.7840, -42.7845, 2.8204

Triad

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



208.9890, -46.8296, 40.3516



167.1630, 38.8666, -146.6020



214.4970, 19.9680, 35.5211

Complementary

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



208.9890, -46.8296, 40.3516



160.0110, 46.8296, -40.3516

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.



207.7100, 23.3140, -11.1467



208.9890, -46.8296, 40.3516



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.



208.9890, -46.8296, 40.3516



183.1870, 5.8238, -94.8800



189.2950, 32.3926, -76.5577



204.3750, 11.6471, 44.3981

Rectangle

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



208.9890, -46.8296, 40.3516



200.4690, -31.7832, -25.8443



189.2950, 32.3926, -76.5577



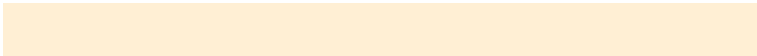
213.5340, 20.4427, 23.2107

Sweetspot

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



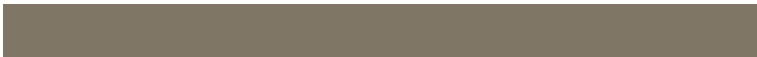
208.9890, -46.8296, 40.3516



240.7060, -14.1521, 12.5358



162.0870, 1.9291, 81.4847



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.



208.9890, -46.8296, 40.3516



200.0410, -55.7292, 48.1990



233.2450, -58.7878, 2.4161



123.5830, -4.2314, 3.8737



128.7230, -63.4604, 54.6169



43.2030, -21.2991, 18.2390

Inverse Universe

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



160.0110, 46.8296, -40.3516



141.9590, 55.7292, -48.1990



135.7550, 58.7878, -2.4161



118.8300, 4.5208, -3.3589



62.2770, 63.4604, -54.6169



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 208.9890, -46.8296, 40.3516 looks on a white background.

Color Contrast Check

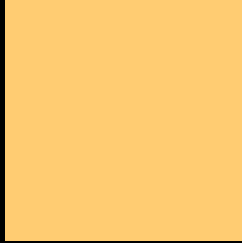
Large Text (above 18pt) WCAG AA × Fail

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 208.9890, -46.8296, 40.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

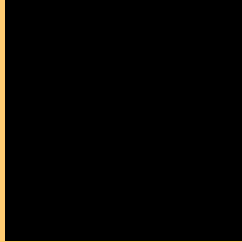
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.9890, -46.8296, 40.3516

Background



This preview shows how black text looks on a background with the YUV color 208.9890, -46.8296, 40.3516.



This preview shows how white text looks on a background with the YUV color 208.9890, -46.8296, 40.3516.

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

208.9890, -46.8296, 40.3516

Protanopia

207.4490, -44.5914, 22.4082

Deuteranopia

210.1120, -39.9882, 39.3668



Tritanopia

215.7100, -3.3080, 34.4573

Trichromacy



Original Color

208.9890, -46.8296, 40.3516

Protanomaly

207.9660, -45.3392, 28.9708

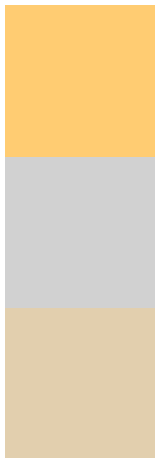
Deuteranomaly

209.5420, -42.1722, 39.8667

Tritanomaly

213.4810, -19.4641, 36.4122

Monochromacy



Original Color

208.9890, -46.8296, 40.3516

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.9190, -17.2151, 14.9800

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.9890, -46.8296, 40.3516 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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(255, 204, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 114) }
```

Border

The CSS property to change the border of an element to YUV 208.9890, -46.8296, 40.3516 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, 114) }
```


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

```
.border{ border-color:rgb(255, 204, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 208.9890, -46.8296, 40.3516 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, 114) }
```

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

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