

Converting Colors

YUV(192.7800, -46.7265,
7.2089)

Have a look what the booklet for
YUV(192.7800, -46.7265, 7.2089)
contains.

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Color

**YUV(192.7800, -46.7265,
7.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CF62
RGB	201, 207, 98
RGB Percent	79%, 81%, 38%
CMY	0.2118, 0.1882, 0.6157
CMYK	0.03, 0.00, 0.53, 0.19
HSL	63°, 53%, 60%
HSV	63°, 53%, 81%
XYZ	48.6048, 57.9250, 20.1742
YIQ	192.7800, 31.4130, -35.1710

Conversions

Conversions Part 2

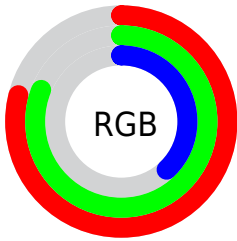
Format	Color
R_{YB}	98, 207, 104
Decimal	13225826
CIE _{Lab}	80.70, -16.96, 52.70
CIE _{LCh}	81, 55.362, 107.839
Yxy	57.9250, 0.3836, 0.4572
Android (android.graphics.Color)	4291415906 (0xFFC9CF62)
YUV	192.7800, -46.7265, 7.2089
Hunter-Lab	76.1085, -19.1952, 37.5599

Details

The YUV color $192.7800, -46.7265, 7.2089$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $112.2200, 46.7265, -7.2089$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2580, -44.9902, 10.2977$, and $138.2960, -45.9949, 5.8794$ is the 20% darker color. If you saturate the color by 10%, you get $190.0870, -55.7519, 8.6937$, and if you desaturate by 10%, it is $195.4730, -37.7012, 5.7242$.

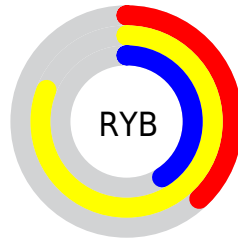
Distribution



Red (79%)

Green (81%)

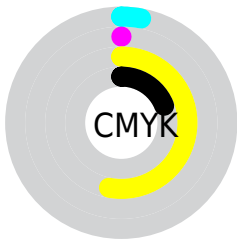
Blue (38%)



Red (38%)

Yellow (81%)

Blue (41%)

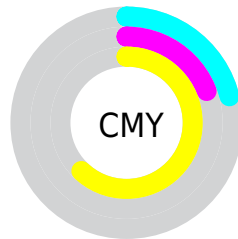


Cyan (3%)

Magenta (0%)

Yellow (53%)

Black (19%)



Cyan (21%)

Magenta (19%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.7800, -46.7265, 7.2089 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 192.7800, -46.7265, 7.2089 by changing the saturation by 10% instead.

■ 192.7800,
-46.7265, 7.2089

■ 192.7800,
-46.7265, 7.2089

255.0000, 0.0000,
0.0000

■ 165.5950,
-46.1423, 6.4942

■ 243.2580,
-44.9902, 10.2977

■ 138.2960,
-45.9949, 5.8794

■ 246.3360,
-33.1966, 7.5983

■ 111.1280,
-47.8841, 5.1497

■ 249.5280,
-20.9663, 4.7989

■ 87.0830, -42.9319,
3.4352

■ 252.8340, -8.2992,
1.8996

■ 65.5200, -32.3014,
0.4210

■ 43.9460, -21.6654,
-4.3376

■ 24.1440, -11.9030,

-8.8963

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 192.7800,
-46.7265, 7.2089

■ 192.7800,
-46.7265, 7.2089

■ 190.0870,
-55.7519, 8.6937

■ 195.4730,
-37.7012, 5.7242

■ 187.5080,
-64.3404, 10.0785

■ 198.0520,
-29.1126, 4.3394

■ 184.8150,
-73.3658, 11.5632

■ 200.7450,
-20.0873, 2.8546

■ 181.8230,
-82.2437, 12.4332

■ 203.7370,
-11.2093, 1.9847

■ 180.1130,
-88.7957, 13.9329

■ 206.4300, -2.1840,
0.4999

■ 209.0090, 6.4046,
-0.8849

■ 211.7020, 15.4299,
-2.3697

■ 213.3690, 20.5241,
-2.9546

■ 213.6680, 20.3767,
-2.3398

Harmonies

Analogous

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



197.0390, -49.3192, 45.5698



192.7800, -46.7265, 7.2089



185.6030, -28.3983, -38.2398

Triad

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



192.7800, -46.7265, 7.2089



159.3840, 47.1387, -139.7798



195.7010, 13.9514, 52.0052

Complementary

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



192.7800, -46.7265, 7.2089



112.2200, 46.7265, -7.2089

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.



204.4520, 24.9202, 33.8066



192.7800, -46.7265, 7.2089



163.9790, 44.8734, -113.1146

Square

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



192.7800, -46.7265, 7.2089



159.4690, 34.7718, -139.8543



194.3650, 29.8931, -21.3681



188.4850, -8.6201, 58.3337

Rectangle

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



192.7800, -46.7265, 7.2089



176.5240, -8.6393, -75.8815



194.3650, 29.8931, -21.3681



199.2860, 20.0720, 48.8612

Sweetspot

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



192.7800, -46.7265, 7.2089



249.7280, -17.6139, 2.8695



133.5260, -17.5143, 64.4367



124.5520, -10.6251, 1.2699



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.



192.7800, -46.7265, 7.2089



233.9550, -68.9978, 10.5635



176.6340, -38.7666, -25.9890



103.4470, -4.6574, 0.4850



146.1570, -72.0554, 11.2633



35.7280, -17.6139, 2.8695

Inverse Universe

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



112.2200, 46.7265, -7.2089



115.0450, 68.9978, -10.5635



128.3660, 38.7666, 25.9890



95.5530, 4.6574, -0.4850



21.8430, 72.0554, -11.2633



5.2720, 17.6139, -2.8695

Previews

White Background



This preview shows how the YUV color 192.7800, -46.7265, 7.2089 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 192.7800, -46.7265, 7.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

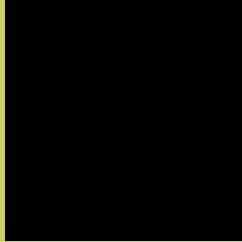
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.7800, -46.7265, 7.2089

Background



This preview shows how black text looks on a background with the YUV color 192.7800, -46.7265, 7.2089.



This preview shows how white text looks on a background with the YUV color 192.7800, -46.7265, 7.2089.

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

192.7800, -46.7265, 7.2089

Protanopia

194.7220, -48.6699, 23.9228

Deuteranopia

197.2990, -46.9824, 42.7108



Tritanopia

202.0920, 3.8986, 9.5663

Trichromacy



Original Color

192.7800, -46.7265, 7.2089

Protanomaly

194.2050, -47.9221, 17.3602

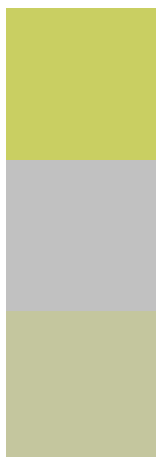
Deuteranomaly

195.9230, -46.7970, 29.8855

Tritanomaly

198.5700, -14.5780, 9.1471

Monochromacy



Original Color

192.7800, -46.7265, 7.2089

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8420, -17.1771, 2.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.7800, -46.7265, 7.2089 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(201, 207, 98)` looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 98)  
}
```

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(201, 207, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 98) }
```

Border

The CSS property to change the border of an element to YUV 192.7800, -46.7265, 7.2089 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(201, 207, 98) }
```


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

```
.border{ border-color:rgb(201, 207, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 98);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 192.7800, -46.7265, 7.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 98) }
```

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

```
.background{ background-color: rgb(201,  
207, 98) }
```

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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