

Converting Colors

YUV(190.4430, -45.5744,
11.0125)

Have a look what the booklet for
YUV(190.4430, -45.5744, 11.0125)
contains.

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Color

**YUV(190.4430, -45.5744,
11.0125)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCA62
RGB	203, 202, 98
RGB Percent	80%, 79%, 38%
CMY	0.2039, 0.2078, 0.6157
CMYK	0.00, 0.00, 0.52, 0.20
HSL	59°, 50%, 59%
HSV	59°, 52%, 80%
XYZ	47.9537, 55.8194, 19.8021
YIQ	190.4430, 33.9800, -32.1320

Conversions

Conversions Part 2

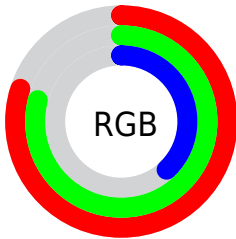
Format	Color
R _Y B	99, 203, 98
Decimal	13355618
CIE Lab	79.51, -13.64, 51.36
CIE LCh	80, 53.141, 104.874
Yxy	55.8194, 0.3881, 0.4517
Android (android.graphics.Color)	4291545698 (0xFFCBCA62)
YUV	190.4430, -45.5744, 11.0125
Hunter-Lab	74.7124, -16.1774, 36.5842

Details

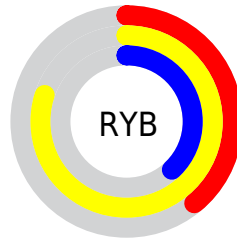
The YUV color **190.4430, -45.5744, 11.0125** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **110.5570, 45.5744, -11.0125**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.1440, -45.4270, 10.3977**, and **136.0730, -44.4060, 9.5830** is the 20% darker color. If you saturate the color by 10%, you get **188.1630, -54.3104, 13.0120**, and if you desaturate by 10%, it is **192.7230, -36.8384, 9.0129**.

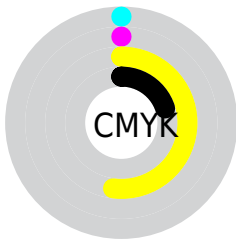
Distribution



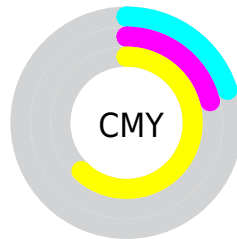
- Red (80%)
- Green (79%)
- Blue (38%)



- Red (39%)
- Yellow (80%)
- Blue (38%)



- Cyan (0%)
- Magenta (0%)
- Yellow (52%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4430, -45.5744, 11.0125 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 190.4430, -45.5744, 11.0125 by changing the saturation by 10% instead.

■ 190.4430,
-45.5744, 11.0125

■ 190.4430,
-45.5744, 11.0125

■ 255.0000, 0.0000,
0.0000

■ 162.9590,
-44.8428, 9.6830

■ 243.1440,
-45.4270, 10.3977

■ 136.0730,
-44.4060, 9.5830

■ 246.3360,
-33.1966, 7.5983

■ 109.0190,
-45.8584, 8.7533

■ 249.5280,
-20.9663, 4.7989

■ 85.3330, -42.0692,
6.7240

■ 252.8340, -8.2992,
1.8996

■ 63.7700, -31.4386,
3.7097

■ 43.0820, -21.2394,
-0.9489

■ 22.9810, -11.3296,

-6.1223

■ 0.0000, 0.0000,
0.0000

■ 190.4430,
-45.5744, 11.0125

■ 190.4430,
-45.5744, 11.0125

■ 188.1630,
-54.3104, 13.0120

■ 192.7230,
-36.8384, 9.0129

■ 185.7690,
-63.4831, 15.1116

■ 195.1170,
-27.6657, 6.9134

■ 182.9020,
-71.9297, 17.6259

■ 197.9840,
-19.2191, 4.3990

■ 180.6220,
-80.6656, 19.6255

■ 200.2640,
-10.4832, 2.3995

■ 178.6840,
-88.0912, 21.3251

■ 202.6580, -1.3104,
0.2999

■ 204.9380, 7.4256,
-1.6996

■ 207.2180, 16.1615,
-3.6992

■ 209.5150, 22.4241,
-5.7137

Harmonies

Analogous

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



194.1470, -46.4145, 47.2291



190.4430, -45.5744, 11.0125



183.7070, -29.4356, -32.1920

Triad

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



190.4430, -45.5744, 11.0125



157.6230, 48.0069, -138.2354



195.1140, 14.2408, 52.5200

Complementary

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



190.4430, -45.5744, 11.0125



110.5570, 45.5744, -11.0125

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.



201.4620, 26.3942, 27.6588



190.4430, -45.5744, 11.0125



159.2280, 47.2156, -117.7180

Square

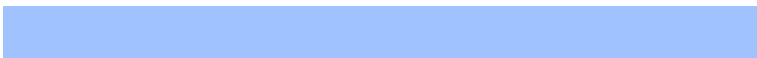
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



190.4430, -45.5744, 11.0125



156.0950, 31.9982, -136.8953



190.7880, 31.6565, -27.0011



188.2400, -7.0203, 58.5485

Rectangle

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



190.4430, -45.5744, 11.0125



176.1940, -11.4346, -65.9451



190.7880, 31.6565, -27.0011



199.2860, 20.0720, 48.8612

Sweetspot

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



190.4430, -45.5744, 11.0125



250.3260, -17.9087, 4.0991



129.6230, -14.6041, 64.3516



124.5630, -10.6306, 3.0142



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.



190.4430, -45.5744, 11.0125



235.8140, -68.4353, 16.8261



175.7810, -38.3460, -20.8559



100.8600, -4.3680, 0.9998



145.9020, -71.9297, 17.6259



33.6680, -16.5983, 3.7992

Inverse Universe

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



110.5570, 45.5744, -11.0125



115.5990, 68.7247, -16.3113



125.2190, 38.3460, 20.8559



93.1400, 4.3680, -0.9998



20.0980, 71.9297, -17.6259



4.3320, 16.5983, -3.7992

Previews

White Background



This preview shows how the YUV color 190.4430, -45.5744, 11.0125 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 190.4430, -45.5744, 11.0125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

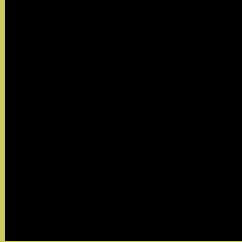
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.4430, -45.5744, 11.0125

Background



This preview shows how black text looks on a background with the YUV color 190.4430, -45.5744, 11.0125.



This preview shows how white text looks on a background with the YUV color 190.4430, -45.5744, 11.0125.

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

190.4430, -45.5744, 11.0125

Protanopia

191.7650, -47.2121, 23.0081

Deuteranopia

194.3420, -45.5246, 41.7961



Tritanopia

198.8860, 3.0142, 13.2550

Trichromacy



Original Color

190.4430, -45.5744, 11.0125

Protanomaly

191.5580, -46.6171, 18.8046

Deuteranomaly

192.9770, -45.3447, 30.7152

Tritanomaly

195.5920, -14.5889, 12.6358

Monochromacy



Original Color

190.4430, -45.5744, 11.0125

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0810, -16.3089, 4.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4430, -45.5744, 11.0125 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(203, 202, 98)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 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(203, 202, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 98) }
```

Border

The CSS property to change the border of an element to YUV 190.4430, -45.5744, 11.0125 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(203, 202, 98) }
```


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

```
.border{ border-color:rgb(203, 202, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 98);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 190.4430, -45.5744, 11.0125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 98) }
```

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

```
.background{ background-color: rgb(203,  
202, 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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