

Converting Colors

YUV(189.8560, -45.2850,
11.5273)

Have a look what the booklet for
YUV(189.8560, -45.2850, 11.5273)
contains.

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Color

**YUV(189.8560, -45.2850,
11.5273)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC962
RGB	203, 201, 98
RGB Percent	80%, 79%, 38%
CMY	0.2039, 0.2118, 0.6157
CMYK	0.00, 0.01, 0.52, 0.20
HSL	59°, 50%, 59%
HSV	59°, 52%, 80%
XYZ	47.7199, 55.3516, 19.7241
YIQ	189.8560, 34.2550, -31.6090

Conversions

Conversions Part 2

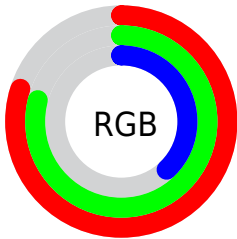
Format	Color
RYB	100, 203, 98
Decimal	13355362
CIELab	79.24, -13.14, 51.05
CIELCh	79, 52.711, 104.430
Yxy	55.3516, 0.3886, 0.4508
Android (android.graphics.Color)	4291545442 (0xFFCBC962)
YUV	189.8560, -45.2850, 11.5273
Hunter-Lab	74.3987, -15.7065, 36.3605

Details

The YUV color **189.8560, -45.2850, 11.5273** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **111.1440, 45.2850, -11.5273**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.1440, -45.4270, 10.3977**, and **135.4860, -44.1166, 10.0978** is the 20% darker color. If you saturate the color by 10%, you get **187.5760, -54.0210, 13.5268**, and if you desaturate by 10%, it is **192.1360, -36.5490, 9.5277**.

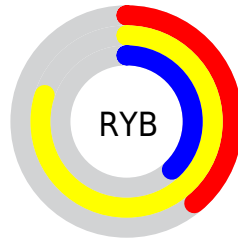
Distribution



Red (80%)

Green (79%)

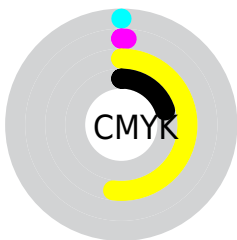
Blue (38%)



Red (39%)

Yellow (80%)

Blue (38%)

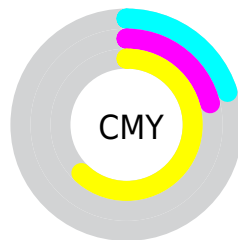


Cyan (0%)

Magenta (1%)

Yellow (52%)

Black (20%)



Cyan (20%)


Magenta (21%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.8560, -45.2850, 11.5273 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 189.8560, -45.2850, 11.5273 by changing the saturation by 10% instead.


 189.8560,
-45.2850, 11.5273

 189.8560,
-45.2850, 11.5273


255.0000, 0.0000,
0.0000

 162.3720,
-44.5534, 10.1978


 243.1440,
-45.4270, 10.3977


 135.4860,
-44.1166, 10.0978


 246.3360,
-33.1966, 7.5983


 109.0190,
-45.8584, 8.7533

 249.5280,
-20.9663, 4.7989

 84.7460, -41.7798,
7.2388

 252.8340, -8.2992,
1.8996

 63.1830, -31.1492,
4.2245

 42.4950, -20.9500,
-0.4341

 22.3940, -11.0402,

-5.6075

■ 0.0000, 0.0000,
0.0000

■ 189.8560,
-45.2850, 11.5273

■ 189.8560,
-45.2850, 11.5273

■ 187.5760,
-54.0210, 13.5268

■ 192.1360,
-36.5490, 9.5277

■ 184.5950,
-62.9043, 16.1412

■ 195.1170,
-27.6657, 6.9134

■ 182.3150,
-71.6403, 18.1407

■ 197.3970,
-18.9297, 4.9138

■ 179.4480,
-80.0869, 20.6551

■ 200.2640,
-10.4832, 2.3995

■ 177.5100,
-87.5124, 22.3547

■ 202.6580, -1.3104,
0.2999

■ 204.9380, 7.4256,
-1.6996

■ 207.8050, 15.8721,
-4.2140

■ 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.



194.2610, -45.9777, 47.1291



189.8560, -45.2850, 11.5273



183.4190, -29.2936, -31.0625

Triad

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



189.8560, -45.2850, 11.5273



157.0360, 48.2963, -137.7206



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.



189.8560, -45.2850, 11.5273



111.1440, 45.2850, -11.5273

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.



200.2770, 26.9784, 26.9441



189.8560, -45.2850, 11.5273



158.9290, 47.3630, -118.3327

Square

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



189.8560, -45.2850, 11.5273



155.2800, 31.4140, -136.1806



189.9020, 32.0933, -27.1011



187.6530, -6.7309, 59.0633

Rectangle

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



189.8560, -45.2850, 11.5273



176.0910, -11.8769, -64.1008



189.9020, 32.0933, -27.1011



199.2860, 20.0720, 48.8612

Sweetspot

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



189.8560, -45.2850, 11.5273



249.7390, -17.6193, 4.6139



129.8510, -13.7305, 64.1517



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.



189.8560, -45.2850, 11.5273



235.2270, -68.1459, 17.3409



176.3790, -38.6408, -19.6264



100.8600, -4.3680, 0.9998



145.3150, -71.6403, 18.1407



33.6680, -16.5983, 3.7992

Inverse Universe

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



111.1440, 45.2850, -11.5273



116.7730, 68.1459, -17.3409



124.6210, 38.6408, 19.6264



93.1400, 4.3680, -0.9998



20.6850, 71.6403, -18.1407



4.9190, 16.3089, -4.3140

Previews

White Background



This preview shows how the YUV color 189.8560, -45.2850, 11.5273 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 189.8560, -45.2850, 11.5273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

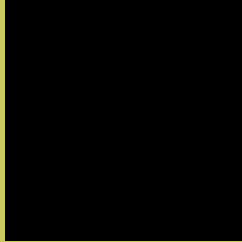
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.8560, -45.2850, 11.5273

Background



This preview shows how black text looks on a background with the YUV color 189.8560, -45.2850, 11.5273.



This preview shows how white text looks on a background with the YUV color 189.8560, -45.2850, 11.5273.

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

189.8560, -45.2850, 11.5273

Protanopia

190.8790, -46.7753, 22.9081

Deuteranopia

193.4560, -45.0878, 41.6961



Tritanopia

198.1850, 2.8668, 13.8698

Trichromacy



Original Color

189.8560, -45.2850, 11.5273

Protanomaly

190.6720, -46.1803, 18.7047

Deuteranomaly

192.0910, -44.9079, 30.6152

Tritanomaly

194.8910, -14.7363, 13.2506

Monochromacy



Original Color

189.8560, -45.2850, 11.5273

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 189.8560, -45.2850, 11.5273 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, 201, 98)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 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, 201, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 98) }
```

Border

The CSS property to change the border of an element to YUV 189.8560, -45.2850, 11.5273 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, 201, 98) }
```


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

```
.border{ border-color:rgb(203, 201, 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, 201, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 98);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 189.8560, -45.2850, 11.5273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 98) }
```

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

```
.background{ background-color: rgb(203,  
201, 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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