

Converting Colors

YUV(126.7110, -5.2805,
-33.0725)

Have a look what the booklet for
YUV(126.7110, -5.2805, -33.0725)
contains.

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Color

**YUV(126.7110, -5.2805,
-33.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	599474
RGB	89, 148, 116
RGB Percent	35%, 58%, 45%
CMY	0.6510, 0.4196, 0.5451
CMYK	0.40, 0.00, 0.22, 0.42
HSL	147°, 25%, 46%
HSV	147°, 40%, 58%
XYZ	17.8621, 24.5646, 20.3230
YIQ	126.7110, -24.8920, -22.4600

Conversions

Conversions Part 2

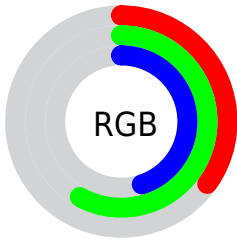
Format	Color
R_{YB}	89, 129, 148
Decimal	5870708
CIE _{Lab}	56.65, -26.74, 10.96
CIE _{LCh}	57, 28.902, 157.719
Yxy	24.5646, 0.2847, 0.3915
Android (android.graphics.Color)	4284060788 (0xFF599474)
YUV	126.7110, -5.2805, -33.0725
Hunter-Lab	49.5627, -22.4043, 10.3822

Details

The YUV color **126.7110, -5.2805, -33.0725** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **110.2890, 5.2805, 33.0725**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8850, -5.8593, -34.1021**, and **76.0530, -3.9701, -33.3725** is the 20% darker color. If you saturate the color by 10%, you get **121.3140, -6.5638, -41.4944**, and if you desaturate by 10%, it is **132.1080, -3.9972, -24.6507**.

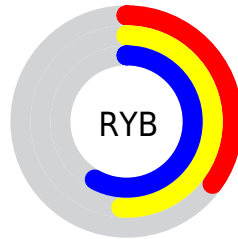
Distribution



Red (35%)

Green (58%)

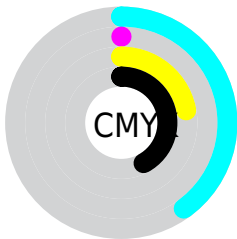
Blue (45%)



Red (35%)

Yellow (51%)

Blue (58%)

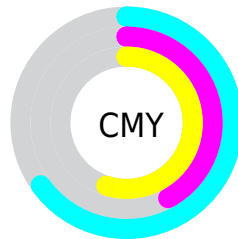


Cyan (40%)

Magenta (0%)

Yellow (22%)

Black (42%)



Cyan (65%)

Magenta (42%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7110, -5.2805, -33.0725 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 126.7110, -5.2805, -33.0725 by changing the saturation by 10% instead.

■ 126.7110, -5.2805,
-33.0725

■ 126.7110, -5.2805,
-33.0725

■ 255.0000, 0.0000,
0.0000

■ 101.1240, -4.9911,
-32.5577

■ 179.8850, -5.8593,
-34.1021

■ 76.0530, -3.9701,
-33.3725

■ 208.3580, -6.5855,
-34.5170

■ 50.3730, -2.6489,
-37.1611

■ 233.7110, -5.2805,
-33.0725

■ 32.2000, -3.5496,
-28.2394

■ 245.6880, 3.1118,
-18.1434

■ 18.1970, -8.9711,
-15.9588

■ 254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 126.7110, -5.2805,
-33.0725

■ 126.7110, -5.2805,
-33.0725

■ 121.3140, -6.5638,
-41.4944

■ 132.1080, -3.9972,
-24.6507

■ 115.9170, -7.8471,
-49.9162

■ 137.5050, -2.7140,
-16.2289

■ 110.8190, -9.2778,
-57.7233

■ 142.6030, -1.2833,
-8.4218

■ 105.4220,
-10.5610, -66.1451

■ 148.0000, 0.0000,
0.0000

■ 100.0250,
-11.8443, -74.5669

■ 153.3970, 1.2833,
8.4218

■ 94.6280, -13.1276,
-82.9888

■ 158.7940, 2.5666,
16.8437

■ 164.1910, 3.8498,
25.2655

■ 169.2890, 5.2805,

33.0725

■ 174.6860, 6.5638,
41.4944

Harmonies

Analogous

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



130.9390, -17.7179, -10.4705



126.7110, -5.2805, -33.0725



121.8790, 9.9197, -55.1449

Triad

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



126.7110, -5.2805, -33.0725



134.1110, 25.0883, -20.2683



137.2410, -15.4018, 40.1306

Complementary

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



126.7110, -5.2805, -33.0725



110.2890, 5.2805, 33.0725

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.



138.8140, -4.3453, 40.5051



126.7110, -5.2805, -33.0725



138.8650, 18.3076, 8.0114

Square

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



126.7110, -5.2805, -33.0725



126.8040, 27.2116, -48.0631



139.3640, 8.2015, 29.4988



135.9270, -22.6420, 29.0050

Rectangle

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



126.7110, -5.2805, -33.0725



119.2290, 19.1141, -64.2218



139.3640, 8.2015, 29.4988



137.5770, -11.6235, 41.5900

Sweetspot

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



126.7110, -5.2805, -33.0725



182.7550, -1.8512, -12.9401



133.2010, -21.7911, -10.7003



92.0160, -0.9939, -7.9070



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



126.7110, -5.2805, -33.0725



157.7920, -8.2785, -51.5606



130.0170, 7.3866, -35.9719



71.4510, -0.7153, -3.9035



88.1880, -12.4177, -77.3409



6.4400, -0.7099, -5.6479

Inverse Universe

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



110.2890, 5.2805, 33.0725



132.2080, 8.2785, 51.5606



106.9830, -7.3866, 35.9719



69.5490, 0.7153, 3.9035



49.8120, 12.4177, 77.3409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 126.7110, -5.2805, -33.0725 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7110, -5.2805, -33.0725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

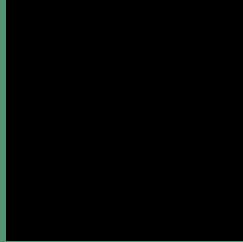
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.7110, -5.2805, -33.0725

Background



This preview shows how black text looks on a background with the YUV color 126.7110, -5.2805, -33.0725.



This preview shows how white text looks on a background with the YUV color 126.7110, -5.2805, -33.0725.

-33.0725.

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

126.7110, -5.2805, -33.0725

Protanopia

134.5420, -12.0992, 7.4177

Deuteranopia

136.0360, -7.9057, 15.7544



Tritanopia

130.7990, 11.4381, -28.7647

Trichromacy



Original Color

126.7110, -5.2805, -33.0725

Protanomaly

131.7250, -9.7244, -7.6518

Deuteranomaly

132.8550, -6.8305, -2.5038

Tritanomaly

129.4800, 5.1864, -30.2390

Monochromacy



Original Color

126.7110, -5.2805, -33.0725

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0540, -1.9986, -12.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7110, -5.2805, -33.0725 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(89, 148, 116)` looks like.

```
.text, #text, p{  
    color:rgb(89, 148, 116)  
}
```

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(89, 148, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 148, 116) }
```

Border

The CSS property to change the border of an element to YUV 126.7110, -5.2805, -33.0725 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(89, 148, 116) }
```


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

```
.border{ border-color:rgb(89, 148, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 148, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 148, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 148, 116);  
box-shadow:4px 4px 4px 4px rgb(89, 148,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 126.7110, -5.2805, -33.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 148, 116) }
```

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

```
.background{ background-color: rgb(89, 148,  
116) }
```

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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