

Converting Colors

YUV(112.0530, -3.9701,
-33.3725)

Have a look what the booklet for
YUV(112.0530, -3.9701, -33.3725)
contains.

YUV(112.0530, -3.9701, -33.3725)	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(112.0530, -3.9701,
-33.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8568
RGB	74, 133, 104
RGB Percent	29%, 52%, 41%
CMY	0.7098, 0.4784, 0.5922
CMYK	0.44, 0.00, 0.22, 0.48
HSL	151°, 29%, 41%
HSV	151°, 44%, 52%
XYZ	13.7103, 19.2304, 16.0859
YIQ	112.0530, -25.8550, -21.5270

Conversions

Conversions Part 2

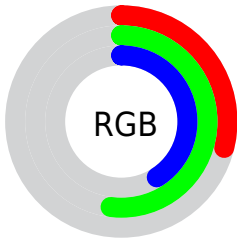
Format	Color
RYB	74, 113, 133
Decimal	4883816
CIELab	50.96, -26.38, 9.71
CIElCh	51, 28.109, 159.786
Yxy	19.2304, 0.2796, 0.3922
Android (android.graphics.Color)	4283073896 (0xFF4A8568)
YUV	112.0530, -3.9701, -33.3725
Hunter-Lab	43.8525, -20.9346, 8.9480

Details

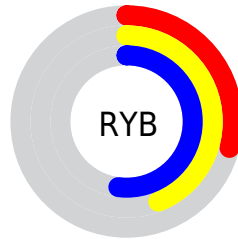
The YUV color **112.0530, -3.9701, -33.3725** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **94.9470, 3.9701, 33.3725**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1130, -4.9857, -34.3021**, and **61.7970, -2.3649, -34.9020** is the 20% darker color. If you saturate the color by 10%, you get **107.3680, -5.1114, -40.6647**, and if you desaturate by 10%, it is **116.7380, -2.8288, -26.0802**.

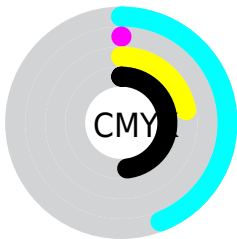
Distribution



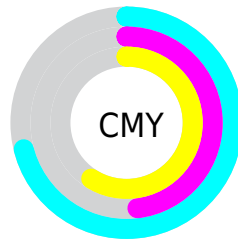
- Red (29%)
- Green (52%)
- Blue (41%)



- Red (29%)
- Yellow (44%)
- Blue (52%)



- Cyan (44%)
- Magenta (0%)
- Yellow (22%)
- Black (48%)



- Cyan (71%)
- Magenta (48%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0530, -3.9701, -33.3725 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 112.0530, -3.9701, -33.3725 by changing the saturation by 10% instead.

■ 112.0530, -3.9701,
-33.3725

■ 112.0530, -3.9701,
-33.3725

■ 255.0000, 0.0000,
0.0000

■ 86.5800, -3.2439,
-32.9577

■ 165.1130, -4.9857,
-34.3021

■ 61.7970, -2.3649,
-34.9020

■ 192.1130, -4.9857,
-34.3021

■ 38.6230, -1.7861,
-33.8724

■ 220.4010, -5.1277,
-35.4317

■ 23.3150, -4.5923,
-20.4473

■ 239.0090, -0.4974,
-27.1949

■ 4.1090, -2.0257,
-3.6036

■ 249.6180, 2.6533,
-11.0660

■ 0.0000, 0.0000,
0.0000

■ 112.0530, -3.9701,
-33.3725

■ 112.0530, -3.9701,
-33.3725

■ 107.3680, -5.1114,
-40.6647

■ 116.7380, -2.8288,
-26.0802

■ 102.4980, -5.6685,
-48.6717

■ 121.6080, -2.2717,
-18.0732

■ 97.8130, -6.8098,
-55.9640

■ 126.2930, -1.1304,
-10.7810

■ 93.2420, -7.5143,
-63.3562

■ 130.8640, -0.4260,
-3.3887

■ 88.2580, -8.5082,
-71.2633

■ 135.8480, 0.5679,
4.5183

■ 85.8230, -8.7867,
-75.2668

■ 140.4190, 1.2724,
11.9105

■ 145.1040, 2.4137,
19.2028

■ 149.6750, 3.1182,

26.5950

■ 154.6590, 4.1121,
34.5021

Harmonies

Analogous

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



116.0960, -15.8233, -11.4852



112.0530, -3.9701, -33.3725



106.2210, 11.2300, -55.4448

Triad

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



112.0530, -3.9701, -33.3725



120.0790, 23.6251, -17.6093



122.6320, -15.1016, 37.1567

Complementary

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



112.0530, -3.9701, -33.3725



94.9470, 3.9701, 33.3725

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.



123.6890, -4.7767, 38.8607



112.0530, -3.9701, -33.3725



123.8220, 16.8498, 8.9261

Square

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



112.0530, -3.9701, -33.3725



112.0000, 26.6220, -45.6040



124.6090, 6.6018, 29.2839



120.8450, -21.6156, 26.4459

Rectangle

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



112.0530, -3.9701, -33.3725



103.4460, 19.9931, -66.1661



124.6090, 6.6018, 29.2839



123.1530, -11.9074, 39.3308

Sweetspot

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



112.0530, -3.9701, -33.3725



165.1680, -1.5618, -12.4253



117.6030, -21.4963, -11.9298



82.0160, -0.9939, -7.9070



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.0530, -3.9701, -33.3725



140.3620, -6.0945, -52.0605



115.3590, 8.6970, -36.2718



63.8640, -0.4260, -3.3887



83.8340, -8.7922, -73.5224



1.8750, -0.4314, -1.6444

Inverse Universe

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



94.9470, 3.9701, 33.3725



113.7520, 6.5313, 51.9605



91.6410, -8.6970, 36.2718



62.1360, 0.4260, 3.3887



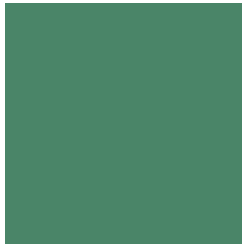
46.1660, 8.7922, 73.5224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 112.0530, -3.9701, -33.3725 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 112.0530, -3.9701, -33.3725 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 112.0530, -3.9701, -33.3725

Background



This preview shows how black text looks on a background with the YUV color 112.0530, -3.9701, -33.3725.



This preview shows how white text looks on a background with the YUV color 112.0530, -3.9701,

-33.3725.

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

112.0530, -3.9701, -33.3725

Protanopia

120.4710, -11.0782, 6.6029

Deuteranopia

121.3670, -6.5899, 13.7101



Tritanopia

115.7990, 11.4381, -28.7647

Trichromacy



Original Color

112.0530, -3.9701, -33.3725

Protanomaly

117.0670, -8.4140, -7.9518

Deuteranomaly

117.8980, -5.3727, -3.4185

Tritanomaly

114.5940, 5.6232, -30.3389

Monochromacy



Original Color

112.0530, -3.9701, -33.3725

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1680, -1.5618, -12.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0530, -3.9701, -33.3725 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(74, 133, 104)` looks like.

```
.text, #text, p{  
    color:rgb(74, 133, 104)  
}
```

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(74, 133, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 133, 104) }
```

Border

The CSS property to change the border of an element to YUV 112.0530, -3.9701, -33.3725 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(74, 133, 104) }
```


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

```
.border{ border-color:rgb(74, 133, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 133, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 133, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 133, 104);  
box-shadow:4px 4px 4px 4px rgb(74, 133,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 112.0530, -3.9701, -33.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 133, 104) }
```

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

```
.background{ background-color: rgb(74, 133,  
104) }
```

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