

# Converting Colors

YUV(112.4480, -13.0389,  
-17.9329)

Have a look what the booklet for  
YUV(112.4480, -13.0389, -17.9329)  
contains.

<b>YUV(112.4480, -13.0389, -17.9329)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(112.4480, -13.0389,  
-17.9329)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C8056
RGB	92, 128, 86
RGB Percent	36%, 50%, 34%
CMY	0.6392, 0.4980, 0.6627
CMYK	0.28, 0.00, 0.33, 0.50
HSL	111°, 20%, 42%
HSV	111°, 33%, 50%
XYZ	13.8125, 18.3855, 11.6249
YIQ	112.4480, -7.9740, -20.6940

# Conversions

## Conversions Part 2

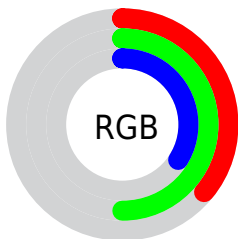
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 128, 122
Decimal	6062166
CIE <sub>Lab</sub>	49.96, -21.44, 18.85
CIE <sub>LCh</sub>	50, 28.543, 138.682
Yxy	18.3855, 0.3152, 0.4195
Android (android.graphics.Color)	4284252246 (0xFF5C8056)
YUV	112.4480, -13.0389, -17.9329
Hunter-Lab	42.8784, -17.5365, 13.9406

# Details

The YUV color **112.4480, -13.0389, -17.9329** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **101.5520, 13.0389, 17.9329**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5080, -14.0544, -18.8625**, and **64.0890, -11.8759, -17.6181** is the 20% darker color. If you saturate the color by 10%, you get **107.6770, -17.0958, -23.3957**, and if you desaturate by 10%, it is **117.2190, -8.9820, -12.4701**.

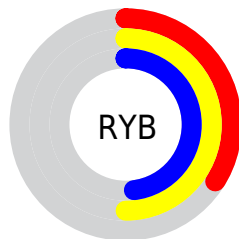
# Distribution



Red (36%)

Green (50%)

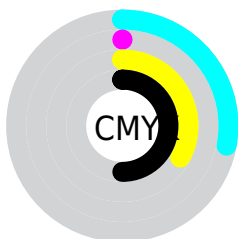
Blue (34%)



Red (34%)

Yellow (50%)

Blue (48%)

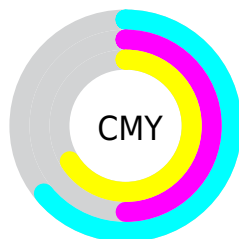


Cyan (28%)

Magenta (0%)

Yellow (33%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 112.4480, -13.0389, -17.9329 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 112.4480, -13.0389, -17.9329 by changing the saturation by 10% instead.



■ 112.4480,  
-13.0389, -17.9329

■ 112.4480,  
-13.0389, -17.9329

■ 255.0000, 0.0000,  
0.0000

■ 87.8610, -12.7495,  
-17.4181

■ 164.5080,  
-14.0544, -18.8625

■ 64.0890, -11.8759,  
-17.6181

■ 191.9810,  
-14.7806, -19.2773

■ 40.7300, -10.7129,  
-17.3032

■ 219.9810,  
-14.7806, -19.2773

■ 19.9580, -9.8393,  
-17.5032

■ 241.9970,  
-12.3235, -14.0294

■ 0.0000, 0.0000,  
0.0000

■ 253.9740, -3.9312,  
0.8998

■ 112.4480,  
-13.0389, -17.9329

■ 112.4480,  
-13.0389, -17.9329

■ 107.6770,  
-17.0958, -23.3957

■ 117.2190, -8.9820,  
-12.4701

■ 102.9060,  
-21.1527, -28.8586

■ 121.9900, -4.9251,  
-7.0072

■ 98.2490, -24.7728,  
-34.4214

■ 126.6470, -1.3050,  
-1.4444

■ 93.4780, -28.8297,  
-39.8842

■ 131.4180, 2.7519,  
4.0184

■ 88.7070, -32.8866,  
-45.3470

■ 136.1890, 6.8088,  
9.4812

■ 83.9360, -36.9434,  
-50.8099

■ 140.9600, 10.8657,  
14.9441

■ 80.5180, -39.6954,  
-54.8283

■ 145.7310, 14.9226,  
20.4069

■ 150.3880, 18.5427,

25.9697

■ 155.1590, 22.5996,  
31.4326

# Harmonies

## Analogous

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



115.7020, -21.5451, 3.7693



112.4480, -13.0389, -17.9329



107.5620, 0.7089, -40.8349

# Triad

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



112.4480, -13.0389, -17.9329



112.0440, 26.6003, -38.6266



120.7770, -8.2711, 39.6606

# Complementary

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



112.4480, -13.0389, -17.9329



101.5520, 13.0389, 17.9329

# 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.



121.8330, 3.5333, 33.4725



112.4480, -13.0389, -17.9329



119.1940, 22.5824, -9.8171

# Square

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



112.4480, -13.0389, -17.9329



101.4660, 26.3923, -65.3067



121.8830, 14.3547, 15.8886



119.5240, -18.0063, 35.4975



# Rectangle

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



112.4480, -13.0389, -17.9329



103.0960, 10.7987, -57.0892



121.8830, 14.3547, 15.8886



121.2160, -4.0505, 39.2756

# Sweetspot

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



112.4480, -13.0389, -17.9329



159.8760, -5.3619, -6.9073



119.6900, -16.6092, 7.2879



80.1690, -3.0413, -4.5332



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



112.4480, -13.0389, -17.9329



141.8460, -20.1371, -27.9289



112.3640, -5.6025, -23.1212



61.4080, -2.1731, -2.9888



80.5180, -39.6954, -54.8283



0.0000, 0.0000, 0.0000



# Inverse Universe

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



101.5520, 13.0389, 17.9329



125.1540, 20.1371, 27.9289



101.6360, 5.6025, 23.1212



59.5920, 2.1731, 2.9888



47.1830, 39.8428, 54.2135



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 112.4480, -13.0389, -17.9329 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 112.4480, -13.0389, -17.9329 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

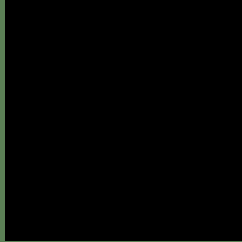
Any Text WCAG AA ✓ Pass

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 112.4480, -13.0389, -17.9329 Background



This preview shows how black text looks on a background with the YUV color 112.4480, -13.0389, -17.9329.



This preview shows how white text looks on a background with the YUV color 112.4480, -13.0389, -17.9329.

-17.9329.

# 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

112.4480, -13.0389, -17.9329

### Protanopia

116.8860, -17.1988, 9.7470

### Deuteranopia

118.9240, -14.7525, 18.4837



## Tritanopia

116.5620, 7.6109, -14.5249

# Trichromacy



## Original Color

112.4480, -13.0389, -17.9329

## Protanomaly

115.4610, -16.0033, -0.4043

## Deuteranomaly

116.6620, -14.1304, 5.5584

## Tritanomaly

114.9010, 0.0488, -15.6992

# Monochromacy



## Original Color

112.4480, -13.0389, -17.9329

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

112.4030, -4.6357, -6.4924

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.4480, -13.0389, -17.9329 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(92, 128, 86)` looks like.

```
.text, #text, p{  
    color:rgb(92, 128, 86)  
}
```

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(92, 128, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 128, 86) }
```

## Border

The CSS property to change the border of an element to YUV 112.4480, -13.0389, -17.9329 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(92, 128, 86) }
```



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

```
.border{ border-color:rgb(92, 128, 86) }
```

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

Here you see how a box with a 4 pixel rgb(92, 128, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 128, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 128, 86);  
box-shadow:4px 4px 4px 4px rgb(92, 128,  
86) }
```

# Background

The CSS property to change the background color of an element to YUV 112.4480, -13.0389, -17.9329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 128, 86) }
```

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

```
.background{ background-color: rgb(92, 128,  
86) }
```

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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