

# Converting Colors

YUV(110.3380, 10.6794,  
-18.7134)

Have a look what the booklet for  
YUV(110.3380, 10.6794, -18.7134)  
contains.

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# Color

**YUV(110.3380, 10.6794,  
-18.7134)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	597584
RGB	89, 117, 132
RGB Percent	35%, 46%, 52%
CMY	0.6510, 0.5412, 0.4824
CMYK	0.33, 0.11, 0.00, 0.48
HSL	201°, 19%, 43%
HSV	201°, 33%, 52%
XYZ	14.6460, 16.5124, 24.2451
YIQ	110.3380, -21.5030, -1.2710

# Conversions

## Conversions Part 2

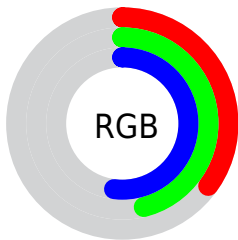
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 106, 132
Decimal	5862788
CIE <sub>Lab</sub>	47.64, -6.25, -11.50
CIE <sub>LCh</sub>	48, 13.088, 241.475
Yxy	16.5124, 0.2644, 0.2980
Android (android.graphics.Color)	4284052868 (0xFF597584)
YUV	110.3380, 10.6794, -18.7134
Hunter-Lab	40.6354, -6.7763, -6.9305

# Details

The YUV color **110.3380, 10.6794, -18.7134** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.6620, -10.6794, 18.7134**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1530, 11.2636, -19.4282**, and **62.2240, 10.2426, -18.6134** is the 20% darker color. If you saturate the color by 10%, you get **103.5160, 14.0426, -24.1315**, and if you desaturate by 10%, it is **117.1600, 7.3161, -13.2953**.

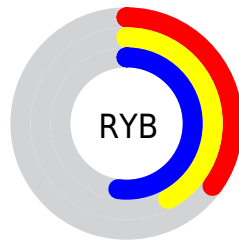
# Distribution



Red (35%)

Green (46%)

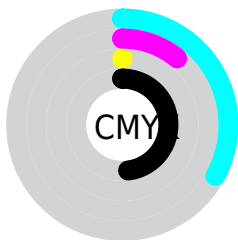
Blue (52%)



Red (35%)

Yellow (42%)

Blue (52%)

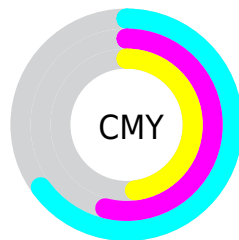


Cyan (33%)

Magenta (11%)

Yellow (0%)

Black (48%)



Cyan (65%)

Magenta (54%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 110.3380, 10.6794, -18.7134 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 110.3380, 10.6794, -18.7134 by changing the saturation by 10% instead.



■ 110.3380, 10.6794,  
-18.7134

■ 110.3380, 10.6794,  
-18.7134

■ 255.0000, 0.0000,  
0.0000

■ 85.6370, 10.5320,  
-18.0986

■ 162.1530, 11.2636,  
-19.4282

■ 62.2240, 10.2426,  
-18.6134

■ 189.2670, 11.7004,  
-19.5282

■ 39.3980, 9.6638,  
-19.6430

■ 217.2670, 11.7004,  
-19.5282

■ 19.5940, 9.0742,  
-17.1839

■ 244.2580, 5.2958,  
-18.6433

■ 2.5250, 7.1362,  
-2.2144

■ 253.8040, 0.5896,  
-2.4591

■ 0.0000, 0.0000,  
0.0000

■ 110.3380, 10.6794,  
-18.7134

■ 110.3380, 10.6794,  
-18.7134

■ 103.5160, 14.0426,  
-24.1315

■ 117.1600, 7.3161,  
-13.2953

■ 97.2810, 17.1165,  
-30.0644

■ 123.3950, 4.2423,  
-7.3624

■ 90.1600, 20.6271,  
-36.0973

■ 130.5160, 0.7316,  
-1.3295

■ 83.9250, 23.7010,  
-42.0302

■ 136.7510, -2.3422,  
4.6034

■ 77.1030, 27.0642,  
-47.4483

■ 143.5730, -5.7055,  
10.0215

■ 70.2810, 30.4275,  
-52.8664

■ 150.3950, -9.0687,  
15.4396

■ 65.5300, 32.7697,  
-57.4698

■ 156.6300,  
-12.1426, 21.3725

■ 163.7510,

-15.6532, 27.4054

 169.9860,  
-18.7271, 33.3383

# Harmonies

## Analogous

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



109.1050, 7.3432, -22.0171



110.3380, 10.6794, -18.7134



112.5070, 11.0890, -10.0916

# Triad

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



110.3380, 10.6794, -18.7134



114.8820, -0.9278, 17.6435



111.3990, -8.5777, -2.1039

# Complementary

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



110.3380, 10.6794, -18.7134



110.6620, -10.6794, 18.7134

# 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.



112.2970, -10.4994, 7.6325



110.3380, 10.6794, -18.7134



114.5140, -6.1694, 18.8432

# Square

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



110.3380, 10.6794, -18.7134



115.2170, 4.3300, 11.2107



113.8680, -9.7949, 15.0248



109.8970, -3.8932, -11.3107



# Rectangle

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



110.3380, 10.6794, -18.7134



113.5080, 9.6096, -2.1995



113.8680, -9.7949, 15.0248



111.7800, -9.7515, 1.0699

# Sweetspot

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



110.3380, 10.6794, -18.7134



162.3950, 4.2423, -7.3624



115.8370, -6.3286, -23.5360



81.3630, 2.7790, -4.7034



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.



110.3380, 10.6794, -18.7134



137.4660, 16.5323, -29.3497



98.0110, 16.7566, -7.9026



63.0320, 1.4632, -2.6591



64.7150, 32.1855, -56.7551



1.5160, 0.7316, -1.3295



# Inverse Universe

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



105.0490, 5.8918, 23.6360



129.0490, 9.3428, 36.7910



122.9890, -16.7566, 7.9026



62.2500, 0.8628, 3.2888



48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 110.3380, 10.6794, -18.7134 looks on a white 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



# Black Background



This preview shows how the YUV color 110.3380, 10.6794, -18.7134 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

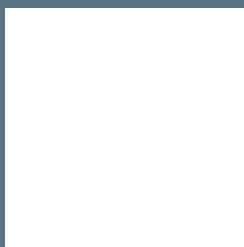
Any Text WCAG AAA × Fail

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

# YUV 110.3380, 10.6794, -18.7134 Background



This preview shows how black text looks on a background with the YUV color 110.3380, 10.6794, -18.7134.



This preview shows how white text looks on a background with the YUV color 110.3380, 10.6794, -18.7134.

-18.7134.

# 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

110.3380, 10.6794, -18.7134

### Protanopia

113.3400, 7.7204, -2.9292

### Deuteranopia

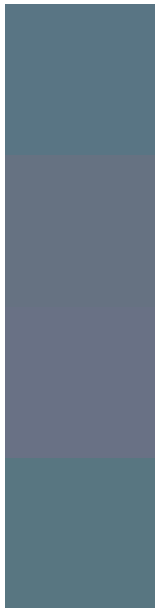
113.8180, 9.4567, 0.1596



## Tritanopia

110.0560, 8.3534, -19.3431

# Trichromacy



## Original Color

110.3380, 10.6794, -18.7134

## Protanomaly

112.2360, 8.7577, -8.9770

## Deuteranomaly

112.8880, 9.9152, -6.9178

## Tritanomaly

110.2840, 9.2270, -19.5431

# Monochromacy



## Original Color

110.3380, 10.6794, -18.7134

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

110.2810, 3.8055, -7.2624

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.3380, 10.6794, -18.7134 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, 117, 132)` looks like.

```
.text, #text, p{  
    color:rgb(89, 117, 132)  
}
```

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, 117, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 117, 132) }
```

## Border

The CSS property to change the border of an element to YUV 110.3380, 10.6794, -18.7134 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, 117, 132) }
```



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

```
.border{ border-color:rgb(89, 117, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 117, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 117, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 117, 132);  
box-shadow:4px 4px 4px 4px rgb(89, 117,  
132) }
```

# Background

The CSS property to change the background color of an element to YUV 110.3380, 10.6794, -18.7134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 117, 132) }
```

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

```
.background{ background-color: rgb(89, 117,  
132) }
```

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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