

Converting Colors

YUV(117.7180, -5.7770,
-13.7847)

Have a look what the booklet for
YUV(117.7180, -5.7770, -13.7847)
contains.

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Color

**YUV(117.7180, -5.7770,
-13.7847)**

Conversions

Conversions Part 1

Format	Color
Hex	66806A
RGB	102, 128, 106
RGB Percent	40%, 50%, 42%
CMY	0.6000, 0.4980, 0.5843
CMYK	0.20, 0.00, 0.17, 0.50
HSL	129°, 11%, 45%
HSV	129°, 20%, 50%
XYZ	15.8002, 19.3037, 16.5289
YIQ	117.7180, -8.4340, -12.3540

Conversions

Conversions Part 2

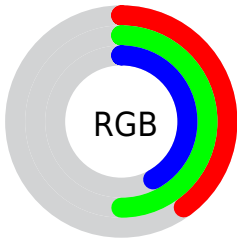
Format	Color
R_{YB}	102, 125, 128
Decimal	6717546
CIE Lab	51.04, -14.05, 8.90
CIE LCh	51, 16.626, 147.647
Yxy	19.3037, 0.3060, 0.3739
Android (android.graphics.Color)	4284907626 (0xFF66806A)
YUV	117.7180, -5.7770, -13.7847
Hunter-Lab	43.9360, -12.6962, 8.4501

Details

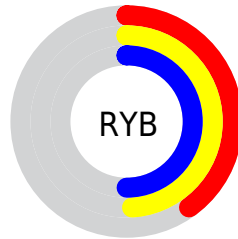
The YUV color **117.7180, -5.7770, -13.7847** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **112.2820, 5.7770, 13.7847**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8920, -6.3558, -14.8143**, and **69.5440, -5.1982, -12.7551** is the 20% darker color. If you saturate the color by 10%, you get **112.5770, -8.6655, -20.6770**, and if you desaturate by 10%, it is **122.8590, -2.8885, -6.8923**.

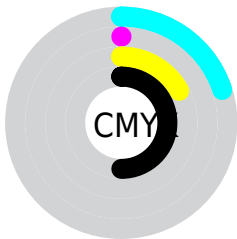
Distribution



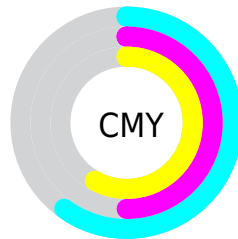
- Red (40%)
- Green (50%)
- Blue (42%)



- Red (40%)
- Yellow (49%)
- Blue (50%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7180, -5.7770, -13.7847 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 117.7180, -5.7770, -13.7847 by changing the saturation by 10% instead.

■ 117.7180, -5.7770,
-13.7847

■ 117.7180, -5.7770,
-13.7847

■ 255.0000, 0.0000,
0.0000

■ 93.1310, -5.4876,
-13.2699

■ 169.8920, -6.3558,
-14.8143

■ 69.5440, -5.1982,
-12.7551

■ 196.8920, -6.3558,
-14.8143

■ 46.6580, -4.7614,
-12.8551

■ 225.4790, -6.6451,
-15.3291

■ 25.3700, -4.6194,
-11.7255

■ 247.6090, -3.7512,
-10.1811

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 117.7180, -5.7770,
-13.7847

■ 117.7180, -5.7770,
-13.7847

■ 112.5770, -8.6655,
-20.6770

■ 122.8590, -2.8885,
-6.8923

■ 107.4360,
-11.5539, -27.5694

■ 128.0000, 0.0000,
0.0000

■ 102.7080,
-14.1530, -33.9469

■ 132.7280, 2.5991,
6.3775

■ 97.5670, -17.0415,
-40.8393

■ 137.8690, 5.4876,
13.2699

■ 92.4260, -19.9300,
-47.7316

■ 143.0100, 8.3761,
20.1622

■ 87.2850, -22.8185,
-54.6239

■ 148.1510, 11.2646,
27.0546

■ 82.1440, -25.7070,
-61.5163

■ 153.2920, 14.1530,
33.9469

■ 77.4160, -28.3061,

■ 158.1340, 17.1889,

-67.8938

40.2245

■ 163.1610, 19.6406,
47.2168

Harmonies

Analogous

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



119.6010, -11.6353, -1.4041



117.7180, -5.7770, -13.7847



116.3020, 1.8231, -24.8209

Triad

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



117.7180, -5.7770, -13.7847



120.0980, 14.7417, -14.9949



123.3190, -7.0593, 24.2762

Complementary

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



117.7180, -5.7770, -13.7847



112.2820, 5.7770, 13.7847

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.



124.3170, -0.6493, 21.6470



117.7180, -5.7770, -13.7847



122.8010, 11.9301, 0.1745

Square

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



117.7180, -5.7770, -13.7847



117.3910, 13.6112, -25.7759



124.0970, 6.3612, 13.0699



122.6190, -12.1372, 19.6281

Rectangle

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



117.7180, -5.7770, -13.7847



115.9470, 6.9281, -28.8945



124.0970, 6.3612, 13.0699



123.8890, -4.8753, 23.7763

Sweetspot

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



117.7180, -5.7770, -13.7847



161.9840, -2.4571, -5.2480



123.8400, -10.7671, 0.1403



81.6360, -1.2995, -3.1888



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.



117.7180, -5.7770, -13.7847



150.1640, -8.9549, -21.1918



119.2000, -0.0986, -15.0844



61.2230, -1.5889, -3.7036



77.4160, -28.3061, -67.8938



0.0000, 0.0000, 0.0000

Inverse Universe

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



112.2820, 5.7770, 13.7847



141.8360, 8.9549, 21.1918



110.8000, 0.0986, 15.0844



59.7770, 1.5889, 3.7036



50.5840, 28.3061, 67.8938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.7180, -5.7770, -13.7847 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 117.7180, -5.7770, -13.7847 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 117.7180, -5.7770, -13.7847

Background



This preview shows how black text looks on a background with the YUV color 117.7180, -5.7770, -13.7847.



This preview shows how white text looks on a background with the YUV color 117.7180, -5.7770,

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

117.7180, -5.7770, -13.7847

Protanopia

120.9270, -9.3310, 6.2030

Deuteranopia

122.2530, -7.0267, 13.8101



Tritanopia

120.0570, 6.8739, -11.4510

Trichromacy



Original Color

117.7180, -5.7770, -13.7847

Protanomaly

120.1110, -8.4357, -0.9743

Deuteranomaly

120.6000, -6.7048, 3.8588

Tritanomaly

118.9060, 2.5113, -12.1956

Monochromacy



Original Color

117.7180, -5.7770, -13.7847

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0980, -2.0203, -5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7180, -5.7770, -13.7847 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(102, 128, 106)` looks like.

```
.text, #text, p{  
    color:rgb(102, 128, 106)  
}
```

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(102, 128, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 128, 106) }
```

Border

The CSS property to change the border of an element to YUV 117.7180, -5.7770, -13.7847 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(102, 128, 106) }
```


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

```
.border{ border-color:rgb(102, 128, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 128, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 128, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 128, 106);  
box-shadow:4px 4px 4px 4px rgb(102, 128,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 117.7180, -5.7770, -13.7847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 128, 106) }
```

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

```
.background{ background-color: rgb(102,  
128, 106) }
```

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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