

Converting Colors

YUV(110.5680, -8.1680, 6.5179)

Have a look what the booklet for
YUV(110.5680, -8.1680, 6.5179)
contains.

YUV(110.5680, -8.1680, 6.5179)	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(110.5680, -8.1680,
6.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	766E5E
RGB	118, 110, 94
RGB Percent	46%, 43%, 37%
CMY	0.5373, 0.5686, 0.6314
CMYK	0.00, 0.07, 0.20, 0.54
HSL	40°, 11%, 42%
HSV	40°, 20%, 46%
XYZ	15.0675, 15.8116, 12.8475
YIQ	110.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

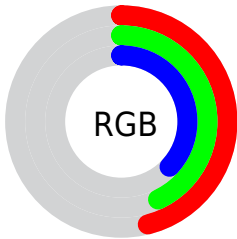
Format	Color
R_{YB}	106, 118, 94
Decimal	7761502
CIE Lab	46.73, 0.23, 10.05
CIE LCh	47, 10.056, 88.665
Yxy	15.8116, 0.3446, 0.3616
Android (android.graphics.Color)	4285951582 (0xFF766E5E)
YUV	110.5680, -8.1680, 6.5179
Hunter-Lab	39.7638, -1.9483, 8.6783

Details

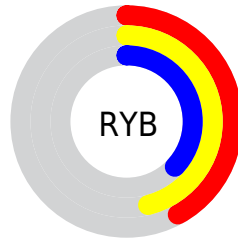
The YUV color **110.5680, -8.1680, 6.5179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.4320, 8.1680, -6.5179**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3400, -9.0416, 6.7178**, and **63.0840, -7.4364, 5.1883** is the 20% darker color. If you saturate the color by 10%, you get **106.8520, -12.2520, 9.7768**, and if you desaturate by 10%, it is **114.2840, -4.0840, 3.2589**.

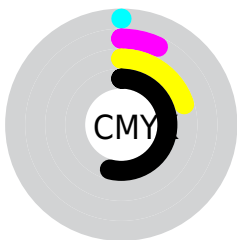
Distribution



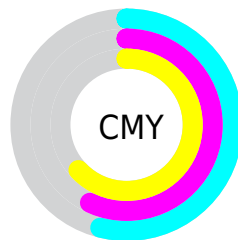
- Red (46%)
- Green (43%)
- Blue (37%)



- Red (42%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.5680, -8.1680, 6.5179 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 110.5680, -8.1680, 6.5179 by changing the saturation by 10% instead.

■ 110.5680, -8.1680,
6.5179

■ 110.5680, -8.1680,
6.5179

255.0000, 0.0000,
0.0000

■ 86.2690, -8.0206,
5.9031

■ 162.3400, -9.0416,
6.7178

■ 63.0840, -7.4364,
5.1883

■ 189.6390, -9.1890,
7.3326

■ 41.1980, -6.9996,
5.0884

■ 216.9380, -9.3364,
7.9474

■ 19.8130, -9.7678,
6.3030

■ 245.5250, -9.6258,
7.4326

■ 0.0000, 0.0000,
0.0000

■ 110.5680, -8.1680,

■ 110.5680, -8.1680,

6.5179

■ 106.8520,
-12.2520, 9.7768

■ 103.1360,
-16.3360, 13.0357

■ 99.5340, -19.9833,
16.1947

■ 95.8180, -24.0673,
19.4536

■ 92.1020, -28.1513,
22.7125

■ 88.3860, -32.2353,
25.9715

■ 84.6700, -36.3193,
29.2304

■ 81.6550, -40.2559,
31.8746

6.5179

■ 114.2840, -4.0840,
3.2589

■ 118.0000, 0.0000,
0.0000

■ 121.6020, 3.6472,
-3.1590

■ 125.3180, 7.7312,
-6.4179

■ 129.0340, 11.8152,
-9.6768

■ 132.7500, 15.8993,
-12.9358

■ 136.4660, 19.9833,
-16.1947

■ 139.4810, 23.9199,
-18.8388

■ 143.1970, 28.0039,
-22.0978

Harmonies

Analogous

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



111.2420, -7.0213, 12.0658



110.5680, -8.1680, 6.5179



109.8660, -6.8359, -0.7595

Triad

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



110.5680, -8.1680, 6.5179



107.5680, 5.1430, -16.2841



112.3800, 3.7567, 8.4367

Complementary

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



110.5680, -8.1680, 6.5179



101.4320, 8.1680, -6.5179

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.



111.7210, 6.5465, 0.2447



110.5680, -8.1680, 6.5179



108.9750, 7.9003, -14.0101

Square

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



110.5680, -8.1680, 6.5179



108.1400, 0.9170, -14.1548



110.4210, 8.1734, -8.2622



112.2620, -0.6222, 12.9252

Rectangle

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



110.5680, -8.1680, 6.5179



108.7020, -4.7831, -5.8777



110.4210, 8.1734, -8.2622



112.2980, 4.7831, 5.8777

Sweetspot

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



110.5680, -8.1680, 6.5179



150.2130, -3.0630, 2.4442



102.0880, -0.0434, 13.9548



75.1420, -2.0420, 1.6295



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



110.5680, -8.1680, 6.5179



141.7380, -12.6888, 9.8768



114.0680, -9.8935, -0.0596



57.1420, -2.0420, 1.6295



84.6120, -41.7137, 32.7893



172.7790, -85.1800, 67.7228

Inverse Universe

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



101.4320, 8.1680, -6.5179



127.8490, 12.3994, -10.3916



97.9320, 9.8935, 0.0596



54.8580, 2.0420, -1.6295



37.9750, 41.4243, -33.3041



77.2210, 85.1800, -67.7228

Previews

White Background



This preview shows how the YUV color 110.5680, -8.1680, 6.5179 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 110.5680, -8.1680, 6.5179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

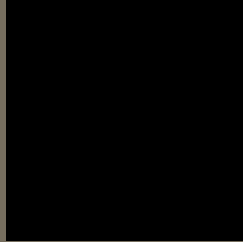
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

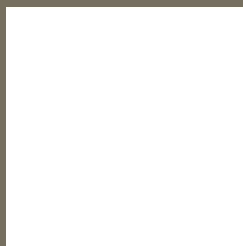
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 110.5680, -8.1680, 6.5179

Background



This preview shows how black text looks on a background with the YUV color 110.5680, -8.1680, 6.5179.



This preview shows how white text looks on a background with the YUV color 110.5680, -8.1680,

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

110.5680, -8.1680, 6.5179

Protanopia

110.2690, -8.0206, 5.9031

Deuteranopia

111.6120, -8.1897, 13.4953



Tritanopia

112.0980, 1.4307, 7.8071

Trichromacy



Original Color

110.5680, -8.1680, 6.5179

Protanomaly

110.2690, -8.0206, 5.9031

Deuteranomaly

111.3020, -8.0369, 11.1361

Tritanomaly

111.4740, -2.2057, 7.4773

Monochromacy



Original Color

110.5680, -8.1680, 6.5179

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2130, -3.0630, 2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.5680, -8.1680, 6.5179 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(118, 110, 94)` looks like.

```
.text, #text, p{  
    color:rgb(118, 110, 94)  
}
```

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(118, 110, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 110, 94) }
```

Border

The CSS property to change the border of an element to YUV 110.5680, -8.1680, 6.5179 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(118, 110, 94) }
```


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

```
.border{ border-color:rgb(118, 110, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 110, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 110, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 110, 94);  
box-shadow:4px 4px 4px 4px rgb(118, 110,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 110.5680, -8.1680, 6.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 110, 94) }
```

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

```
.background{ background-color: rgb(118,  
110, 94) }
```

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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