

# Converting Colors

YUV(110.2780, -1.6161, 5.0182)

Have a look what the booklet for  
YUV(110.2780, -1.6161, 5.0182)  
contains.

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# Color

**YUV(110.2780, -1.6161,  
5.0182)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	746C6B
RGB	116, 108, 107
RGB Percent	45%, 42%, 42%
CMY	0.5451, 0.5765, 0.5804
CMYK	0.00, 0.07, 0.08, 0.55
HSL	7°, 4%, 44%
HSV	7°, 8%, 45%
XYZ	15.2189, 15.4997, 16.0995
YIQ	110.2780, 5.0890, 1.3850

# Conversions

## Conversions Part 2

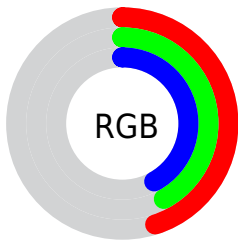
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 108, 107
Decimal	7629931
CIE Lab	46.31, 2.93, 1.67
CIE LCh	46, 3.372, 29.776
Yxy	15.4997, 0.3251, 0.3311
Android (android.graphics.Color)	4285820011 (0xFF746C6B)
YUV	110.2780, -1.6161, 5.0182
Hunter-Lab	39.3696, 0.1048, 3.3131

# Details

The YUV color **110.2780, -1.6161, 5.0182** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.7220, 1.6161, -5.0182**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5770, -1.7635, 5.6330**, and **62.9790, -1.4686, 4.4034** is the 20% darker color. If you saturate the color by 10%, you get **103.0400, -3.9637, 11.3659**, and if you desaturate by 10%, it is **117.5160, 0.7316, -1.3295**.

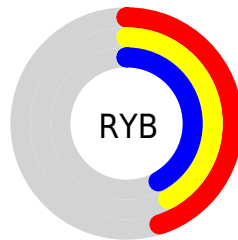
# Distribution



Red (45%)

Green (42%)

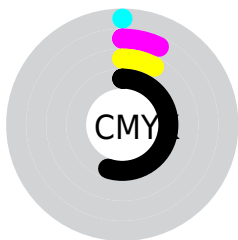
Blue (42%)



Red (45%)

Yellow (42%)

Blue (42%)

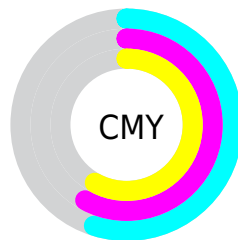


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (55%)



Cyan (55%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 110.2780, -1.6161, 5.0182 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 110.2780, -1.6161, 5.0182 by changing the saturation by 10% instead.



■ 110.2780, -1.6161,  
5.0182

■ 110.2780, -1.6161,  
5.0182

■ 255.0000, 0.0000,  
0.0000

■ 85.9790, -1.4686,  
4.4034

■ 161.5770, -1.7635,  
5.6330

■ 62.9790, -1.4686,  
4.4034

■ 188.5770, -1.7635,  
5.6330

■ 40.9790, -1.4686,  
4.4034

■ 216.5770, -1.7635,  
5.6330

■ 19.9790, -1.4686,  
4.4034

■ 244.8760, -1.9109,  
6.2477

■ 0.0000, 0.0000,  
0.0000

■ 110.2780, -1.6161,

■ 110.2780, -1.6161,

5.0182

5.0182

■ 103.0400, -3.9637,  
11.3659

■ 117.5160, 0.7316,  
-1.3295

■ 95.3290, -5.5852,  
18.1285

■ 125.2270, 2.3531,  
-8.0921

■ 88.0910, -7.9329,  
24.4762

■ 132.4650, 4.7008,  
-14.4398

■ 80.9670, -9.8437,  
30.7239

■ 139.5890, 6.6116,  
-20.6876

■ 73.1420, -11.9020,  
37.5865

■ 147.4140, 8.6699,  
-27.5501

■ 65.9040, -14.2497,  
43.9342

■ 154.6520, 11.0176,  
-33.8978

■ 58.7800, -16.1605,  
50.1819

■ 161.7760, 12.9284,  
-40.1456

■ 51.5420, -18.5082,  
56.5297

■ 169.0140, 15.2761,  
-46.4933

■ 43.8310, -20.1297,  
63.2922

■ 176.7250, 16.8976,  
-53.2558

# Harmonies

## Analogous

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



110.6200, -0.3057, 4.7183



110.2780, -1.6161, 5.0182



110.3380, -2.6316, 4.0886

# Triad

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



110.2780, -1.6161, 5.0182



109.0490, -1.0102, -2.6740



109.6730, 2.6262, -2.3442

# Complementary

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



110.2780, -1.6161, 5.0182



112.7220, 1.6161, -5.0182

# 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.



109.2490, 2.3422, -4.6034



110.2780, -1.6161, 5.0182



108.7930, 0.5951, -4.2035

# Square

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



110.2780, -1.6161, 5.0182



109.1310, -2.0366, -0.1149



108.7220, 1.6161, -5.0182



109.9830, 2.4734, 0.0149



# Rectangle

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



110.2780, -1.6161, 5.0182



109.6260, -2.7736, 2.9590



108.7220, 1.6161, -5.0182



109.3740, 2.7736, -2.9590

# Sweetspot

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



110.2780, -1.6161, 5.0182



148.4840, -0.7316, 1.3295



110.6030, 2.1677, 4.7332



75.5980, -0.2948, 1.2296



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.



110.2780, -1.6161, 5.0182



141.4740, -2.2057, 7.4773



112.6260, -2.7736, 2.9590



54.7940, -0.8844, 3.6887



44.6960, -22.0351, 67.7956



91.1860, -44.9547, 139.2799



# Inverse Universe

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



112.7220, 1.6161, -5.0182



145.5260, 2.2057, -7.4773



110.3740, 2.7736, -2.9590



56.6190, 1.1738, -3.1739



77.8910, 21.7457, -68.3104



158.8140, 44.9547, -139.2799



# Previews

## White Background



This preview shows how the YUV color 110.2780, -1.6161, 5.0182 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

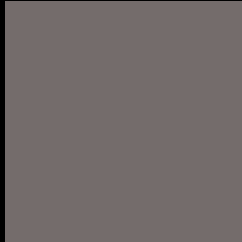
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 110.2780, -1.6161, 5.0182 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 110.2780, -1.6161, 5.0182

## Background



This preview shows how black text looks on a background with the YUV color 110.2780, -1.6161, 5.0182.



This preview shows how white text looks on a background with the YUV color 110.2780, -1.6161,



# 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

110.2780, -1.6161, 5.0182

### Protanopia

109.7830, -0.8790, 1.9443

### Deuteranopia

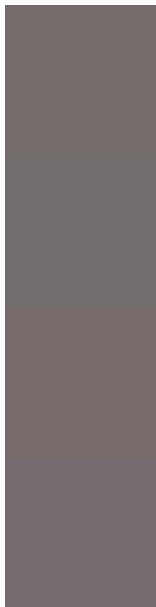
110.5990, -1.7743, 9.1217



## Tritanopia

110.9020, 2.0203, 5.3479

# Trichromacy



## Original Color

110.2780, -1.6161, 5.0182

## Protanomaly

110.0820, -1.0264, 2.5591

## Deuteranomaly

110.5880, -1.7689, 7.3773

## Tritanomaly

110.5600, 0.7099, 5.6479

# Monochromacy



## Original Color

110.2780, -1.6161, 5.0182

## Achromatopsia

110.0000, 0.0000, 0.0000

## Achromatomaly

109.8970, -0.4422, 1.8443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.2780, -1.6161, 5.0182 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(116, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(116, 108, 107)  
}
```

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(116, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 108, 107) }
```

## Border

The CSS property to change the border of an element to YUV 110.2780, -1.6161, 5.0182 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(116, 108, 107) }
```



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

```
.border{ border-color:rgb(116, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(116, 108,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 110.2780, -1.6161, 5.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 108, 107) }
```

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

```
.background{ background-color: rgb(116,  
108, 107) }
```

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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