

Converting Colors

YUV(111.9770, 25.1543, 5.2822)

Have a look what the booklet for
YUV(111.9770, 25.1543, 5.2822)
contains.

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Color

**YUV(111.9770, 25.1543,
5.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	7663A3
RGB	118, 99, 163
RGB Percent	46%, 39%, 64%
CMY	0.5373, 0.6118, 0.3608
CMYK	0.28, 0.39, 0.00, 0.36
HSL	258°, 26%, 51%
HSV	258°, 39%, 64%
XYZ	18.5439, 15.4196, 36.6492
YIQ	111.9770, -9.2200, 23.9320

Conversions

Conversions Part 2

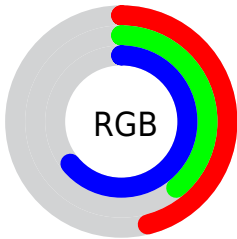
Format	Color
R _Y B	118, 99, 163
Decimal	7758755
CIE Lab	46.20, 21.88, -31.88
CIE LCh	46, 38.660, 304.462
Yxy	15.4196, 0.2626, 0.2184
Android (android.graphics.Color)	4285948835 (0xFF7663A3)
YUV	111.9770, 25.1543, 5.2822
Hunter-Lab	39.2678, 15.5767, -27.8489

Details

The YUV color **111.9770, 25.1543, 5.2822** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.0230, -25.1543, -5.2822**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0310, 26.6067, 6.1118**, and **63.2110, 23.5600, 3.3230** is the 20% darker color. If you saturate the color by 10%, you get **99.2960, 31.4061, 6.7564**, and if you desaturate by 10%, it is **124.6580, 18.9026, 3.8079**.

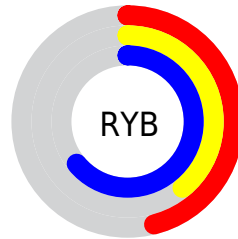
Distribution



Red (46%)

Green (39%)

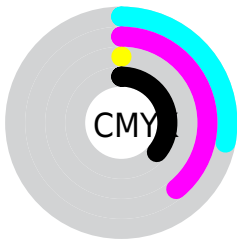
Blue (64%)



Red (46%)

Yellow (39%)

Blue (64%)

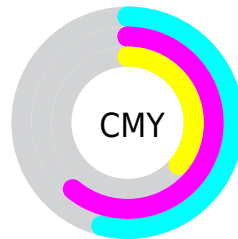


Cyan (28%)

Magenta (39%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (61%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.9770, 25.1543, 5.2822 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 111.9770, 25.1543, 5.2822 by changing the saturation by 10% instead.

■ 111.9770, 25.1543,
5.2822

■ 111.9770, 25.1543,
5.2822

■ 255.0000, 0.0000,
0.0000

■ 87.1510, 24.5756,
4.2526

■ 164.0310, 26.6067,
6.1118

■ 63.2110, 23.5600,
3.3230

■ 191.5580, 27.3329,
6.5266

■ 40.8580, 22.2550,
1.8785

■ 216.9900, 18.7389,
9.6558

■ 17.8470, 22.2604,
0.1342

■ 241.4990, 6.6560,
11.8404

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 111.9770, 25.1543,
5.2822

■ 111.9770, 25.1543,
5.2822

■ 99.2960, 31.4061,
6.7564

■ 124.6580, 18.9026,
3.8079

■ 85.7290, 38.0946,
8.1307

■ 138.2250, 12.2141,
2.4337

■ 73.0480, 44.3463,
9.6049

■ 150.9060, 5.9623,
0.9594

■ 60.0680, 50.7455,
10.4644

■ 163.8860, -0.4368,
0.1000

■ 47.3870, 56.9972,
11.9386

■ 176.5670, -6.6885,
-1.3743

■ 33.8200, 63.6857,
13.3129

■ 190.1340,
-13.3771, -2.7485

■ 32.9340, 64.1225,
13.2129

■ 202.8150,
-19.6288, -4.2228

■ 215.7950,
-26.0279, -5.0822

■ 229.0630,
-32.5691, -7.0713

Harmonies

Analogous

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



102.6340, 35.1834, -38.2670



111.9770, 25.1543, 5.2822



112.5480, 12.5478, 35.4764

Triad

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



111.9770, 25.1543, 5.2822



108.1900, -28.1947, 36.6674



86.8440, 12.8949, -76.1622

Complementary

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



111.9770, 25.1543, 5.2822



150.0230, -25.1543, -5.2822

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.



95.0640, -7.4266, -44.7831



111.9770, 25.1543, 5.2822



105.8470, -31.4766, 15.9202

Square

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



111.9770, 25.1543, 5.2822



108.9650, -16.7447, 50.8967



102.3320, -23.8277, -10.8152



89.9050, 27.1618, -78.8467

Rectangle

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



111.9770, 25.1543, 5.2822



111.1060, 2.9057, 48.1420



102.3320, -23.8277, -10.8152



85.0030, 8.3795, -74.5476

Sweetspot

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



111.9770, 25.1543, 5.2822



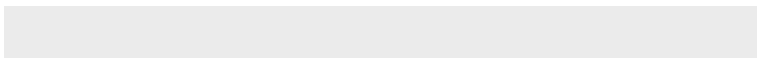
191.3560, 10.1775, 2.3188



133.2980, 14.6431, -30.0793



95.2050, 5.8149, 1.5742



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



111.9770, 25.1543, 5.2822



132.3700, 39.2576, 8.4455



121.2460, 20.5847, 24.3403



74.9230, 3.4890, 0.9445



29.3870, 56.9972, 11.9386



3.5470, 7.1253, 1.2743

Inverse Universe

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



123.2660, 10.2219, 34.8467



149.8800, 15.8352, 54.4792



140.7540, -20.5847, -24.3403



76.3750, 1.2941, 4.9331



54.9830, 23.1794, 78.9449



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 111.9770, 25.1543, 5.2822 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 111.9770, 25.1543, 5.2822 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 111.9770, 25.1543, 5.2822

Background



This preview shows how black text looks on a background with the YUV color 111.9770, 25.1543, 5.2822.

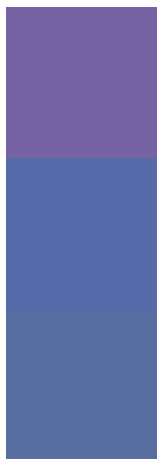


This preview shows how white text looks on a background with the YUV color 111.9770, 25.1543,

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

111.9770, 25.1543, 5.2822

Protanopia

108.2020, 30.4664, -18.5942

Deuteranopia

108.6490, 25.8090, -18.1092



Tritanopia

109.9120, 3.4944, -0.7998

Trichromacy



Original Color

111.9770, 25.1543, 5.2822

Protanomaly

109.3880, 28.4027, -9.9873

Deuteranomaly

109.7040, 25.7819, -9.3874

Tritanomaly

110.3990, 11.6353, 1.4041

Monochromacy



Original Color

111.9770, 25.1543, 5.2822

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8290, 9.4513, 1.9040

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9770, 25.1543, 5.2822 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, 99, 163)` looks like.

```
.text, #text, p{  
    color:rgb(118, 99, 163)  
}
```

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, 99, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 99, 163) }
```

Border

The CSS property to change the border of an element to YUV 111.9770, 25.1543, 5.2822 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, 99, 163) }
```


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

```
.border{ border-color:rgb(118, 99, 163) }
```

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

Here you see how a box with a 4 pixel rgb(118, 99, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 99, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 99, 163);  
box-shadow:4px 4px 4px 4px rgb(118, 99,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 111.9770, 25.1543, 5.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 99, 163) }
```

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

```
.background{ background-color: rgb(118, 99,  
163) }
```

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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