

Converting Colors

YUV(112.1880, 25.0503,
-8.0579)

Have a look what the booklet for
YUV(112.1880, 25.0503, -8.0579)
contains.

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Color

**YUV(112.1880, 25.0503,
-8.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	676BA3
RGB	103, 107, 163
RGB Percent	40%, 42%, 64%
CMY	0.5961, 0.5804, 0.3608
CMYK	0.37, 0.34, 0.00, 0.36
HSL	236°, 25%, 52%
HSV	236°, 37%, 64%
XYZ	17.4621, 16.0433, 36.8266
YIQ	112.1880, -20.3600, 16.5680

Conversions

Conversions Part 2

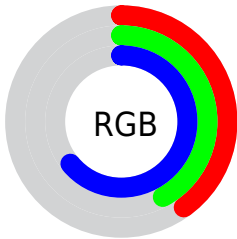
Format	Color
R_{YB}	103, 107, 163
Decimal	6777763
CIE _{Lab}	47.03, 12.56, -30.67
CIE _{LCh}	47, 33.143, 292.262
Yxy	16.0433, 0.2483, 0.2281
Android (android.graphics.Color)	4284967843 (0xFF676BA3)
YUV	112.1880, 25.0503, -8.0579
Hunter-Lab	40.0541, 7.7246, -26.4747

Details

The YUV color **112.1880, 25.0503, -8.0579** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.8120, -25.0503, 8.0579**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2420, 26.5027, -7.2282**, and **63.4220, 23.4560, -10.0171** is the 20% darker color. If you saturate the color by 10%, you get **98.5990, 31.7497, -10.1723**, and if you desaturate by 10%, it is **125.7770, 18.3509, -5.9434**.

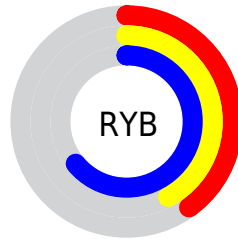
Distribution



Red (40%)

Green (42%)

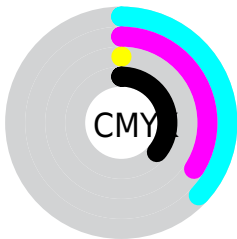
Blue (64%)



Red (40%)

Yellow (42%)

Blue (64%)

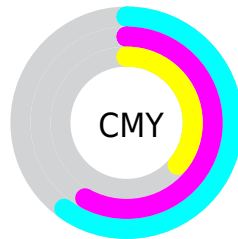


Cyan (37%)

Magenta (34%)

Yellow (0%)

Black (36%)



Cyan (60%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1880, 25.0503, -8.0579 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 112.1880, 25.0503, -8.0579 by changing the saturation by 10% instead.

■ 112.1880, 25.0503,
-8.0579

■ 112.1880, 25.0503,
-8.0579

■ 255.0000, 0.0000,
0.0000

■ 87.3620, 24.4715,
-9.0875

■ 164.2420, 26.5027,
-7.2282

■ 63.4220, 23.4560,
-10.0171

■ 191.7690, 27.2289,
-6.8134

■ 39.8840, 22.7352,
-12.1763

■ 217.4890, 18.4929,
-4.8139

■ 17.7480, 22.3092,
-15.5650

■ 242.2970, 6.2626,
-2.0145

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 112.1880, 25.0503,
-8.0579

■ 112.1880, 25.0503,
-8.0579

■ 98.5990, 31.7497,
-10.1723

■ 125.7770, 18.3509,
-5.9434

■ 84.7110, 38.5965,
-12.9015

■ 139.6650, 11.5042,
-3.2142

■ 70.5350, 45.5852,
-14.5012

■ 153.8410, 4.5154,
-1.6146

■ 56.9460, 52.2846,
-16.6156

■ 167.4300, -2.1840,
0.4999

■ 43.3570, 58.9840,
-18.7301

■ 181.3180, -9.0308,
3.2291

■ 29.4690, 65.8308,
-21.4593

■ 194.9070,
-15.7302, 5.3436

■ 25.0390, 68.0148,
-21.9592

■ 208.4960,
-22.4295, 7.4580

■ 222.6720,
-29.4183, 9.0577

■ 236.5600,
-36.2651, 11.7869

Harmonies

Analogous

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



102.2540, 31.4268, -46.7038



112.1880, 25.0503, -8.0579



115.1440, 15.2120, 20.9217

Triad

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



112.1880, 25.0503, -8.0579



111.0360, -21.2167, 38.5564



94.3750, 4.2521, -57.3339

Complementary

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



112.1880, 25.0503, -8.0579



153.8120, -25.0503, 8.0579

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.



102.7030, -13.1646, -24.2955



112.1880, 25.0503, -8.0579



109.5580, -26.4041, 22.3126

Square

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



112.1880, 25.0503, -8.0579



112.6530, -10.1819, 45.9083



106.9960, -24.1550, 0.8805



89.0100, 21.1941, -78.0618

Rectangle

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



112.1880, 25.0503, -8.0579



114.4680, 7.1643, 35.5466



106.9960, -24.1550, 0.8805



98.4430, -2.1904, -44.2385

Sweetspot

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



112.1880, 25.0503, -8.0579



191.9100, 9.9044, -3.4291



144.6040, 7.0972, -36.4867



95.1830, 5.8258, -1.9145



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.



112.1880, 25.0503, -8.0579



133.1240, 38.8859, -12.3867



117.6140, 22.3753, 9.9855



74.6130, 3.6418, -1.4146



22.4000, 60.4418, -19.6448



2.6390, 7.5730, -2.3144

Inverse Universe

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



121.3960, -7.0972, 36.4867



147.4910, -11.0881, 56.5744



148.3860, -22.3753, -9.9855



75.8050, -0.8899, 5.4330



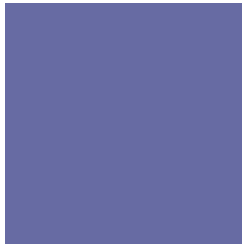
44.4950, -17.0060, 88.1429



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 112.1880, 25.0503, -8.0579 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 112.1880, 25.0503, -8.0579 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 112.1880, 25.0503, -8.0579

Background



This preview shows how black text looks on a background with the YUV color 112.1880, 25.0503, -8.0579.



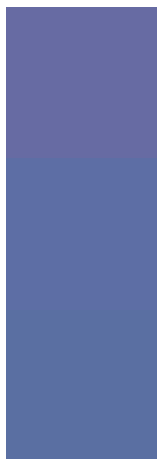
This preview shows how white text looks on a background with the YUV color 112.1880, 25.0503, -8.0579.

-8.0579.

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

112.1880, 25.0503, -8.0579

Protanopia

111.1870, 26.5298, -15.9500

Deuteranopia

110.5350, 25.3722, -18.0092



Tritanopia

109.7470, 7.0267, -13.8101

Trichromacy



Original Color

112.1880, 25.0503, -8.0579

Protanomaly

111.6820, 25.7928, -12.8761

Deuteranomaly

111.4430, 24.9246, -14.4205

Tritanomaly

110.4790, 13.5679, -11.8211

Monochromacy



Original Color

112.1880, 25.0503, -8.0579

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0950, 9.3202, -2.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1880, 25.0503, -8.0579 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(103, 107, 163)` looks like.

```
.text, #text, p{  
    color:rgb(103, 107, 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(103, 107, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 107, 163) }
```

Border

The CSS property to change the border of an element to YUV 112.1880, 25.0503, -8.0579 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(103, 107, 163) }
```


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

```
.border{ border-color:rgb(103, 107, 163) }
```

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

Here you see how a box with a 4 pixel rgb(103, 107, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 107, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 107, 163);  
box-shadow:4px 4px 4px 4px rgb(103, 107,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 112.1880, 25.0503, -8.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 107, 163) }
```

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

```
.background{ background-color: rgb(103,  
107, 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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