

Converting Colors

YUV(116.6450, 25.3180,
-0.5657)

Have a look what the booklet for
YUV(116.6450, 25.3180, -0.5657)
contains.

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Color

**YUV(116.6450, 25.3180,
-0.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	746BA8
RGB	116, 107, 168
RGB Percent	45%, 42%, 66%
CMY	0.5451, 0.5804, 0.3412
CMYK	0.31, 0.36, 0.00, 0.34
HSL	249°, 26%, 54%
HSV	249°, 36%, 66%
XYZ	19.5280, 17.0555, 39.3086
YIQ	116.6450, -14.2170, 20.8790

Conversions

Conversions Part 2

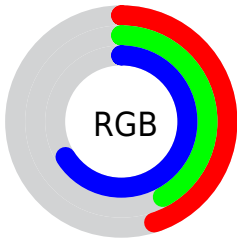
Format	Color
R _Y B	116, 107, 168
Decimal	7629736
CIE Lab	48.33, 17.75, -31.50
CIE LCh	48, 36.155, 299.408
Yxy	17.0555, 0.2573, 0.2247
Android (android.graphics.Color)	4285819816 (0xFF746BA8)
YUV	116.6450, 25.3180, -0.5657
Hunter-Lab	41.2984, 12.1321, -27.5245

Details

The YUV color **116.6450, 25.3180, -0.5657** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.3550, -25.3180, 0.5657**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6990, 26.7704, 0.2640**, and **67.8790, 23.7237, -2.5249** is the 20% darker color. If you saturate the color by 10%, you get **102.4800, 32.3014, -0.4210**, and if you desaturate by 10%, it is **130.8100, 18.3347, -0.7104**.

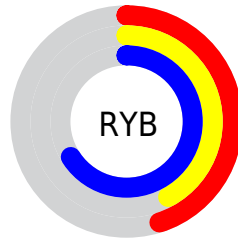
Distribution



Red (45%)

Green (42%)

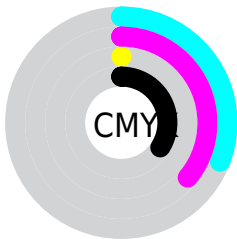
Blue (66%)



Red (45%)

Yellow (42%)

Blue (66%)

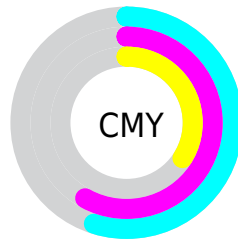


Cyan (31%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (58%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6450, 25.3180, -0.5657 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 116.6450, 25.3180, -0.5657 by changing the saturation by 10% instead.

■ 116.6450, 25.3180,
-0.5657

■ 116.6450, 25.3180,
-0.5657

■ 255.0000, 0.0000,
0.0000

■ 91.7050, 24.3024,
-1.4953

■ 168.6990, 26.7704,
0.2640

■ 67.8790, 23.7237,
-2.5249

■ 196.2260, 27.4966,
0.6788

■ 44.9390, 22.7081,
-3.4545

■ 221.6750, 16.4292,
3.7930

■ 22.3900, 21.9927,
-7.3580

■ 246.7820, 4.0515,
7.2072

■ 5.0160, 19.2191,
-4.3990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 116.6450, 25.3180,
-0.5657

■ 116.6450, 25.3180,
-0.5657

■ 102.4800, 32.3014,
-0.4210

■ 130.8100, 18.3347,
-0.7104

■ 88.0160, 39.4321,
-0.8910

■ 145.2740, 11.2039,
-0.2403

■ 74.4380, 46.1261,
-1.2611

■ 158.8520, 4.5100,
0.1298

■ 60.2730, 53.1094,
-1.1164

■ 173.0170, -2.4734,
-0.0149

■ 45.8090, 60.2402,
-1.5865

■ 187.4810, -9.6041,
0.4552

■ 31.6440, 67.2235,
-1.4418

■ 201.6460,
-16.5875, 0.3105

■ 26.6270, 69.6969,
-1.4269

■ 215.8110,
-23.5708, 0.1658

■ 229.6880,
-30.4122, 1.1506

■ 242.0920,
-36.5274, 2.5503

Harmonies

Analogous

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



107.2700, 33.8839, -41.4558



116.6450, 25.3180, -0.5657



118.4440, 13.5851, 29.4286

Triad

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



116.6450, 25.3180, -0.5657



114.2980, -25.2899, 38.3267



89.1920, 11.7373, -78.2214

Complementary

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



116.6450, 25.3180, -0.5657



158.3550, -25.3180, 0.5657

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.



103.7340, -10.2219, -34.8467



116.6450, 25.3180, -0.5657



112.3250, -29.7402, 19.0090

Square

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



116.6450, 25.3180, -0.5657



114.9370, -14.2659, 49.1673



109.2510, -24.2807, -5.4821



92.7260, 25.2781, -81.3207

Rectangle

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



116.6450, 25.3180, -0.5657



117.5290, 4.6692, 42.5091



109.2510, -24.2807, -5.4821



95.2280, 3.8316, -62.4670

Sweetspot

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



116.6450, 25.3180, -0.5657



198.9320, 9.8935, 0.0596



145.0650, 11.3070, -33.3830



97.3080, 6.2572, -0.2701



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.6450, 25.3180, -0.5657



138.1300, 39.8689, -0.9910



125.6150, 20.8958, 17.8776



77.2110, 3.3470, -0.1850



23.4500, 61.4031, -1.2716



3.1770, 8.2937, -0.1552

Inverse Universe

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



131.1670, 13.7217, 32.3025



161.0520, 21.6664, 50.8204



149.3850, -20.8958, -17.8776



79.1900, 1.8783, 4.2184



58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 116.6450, 25.3180, -0.5657 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 116.6450, 25.3180, -0.5657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

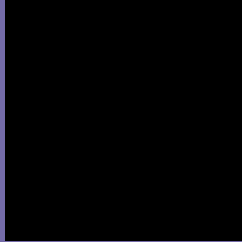
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.6450, 25.3180, -0.5657

Background



This preview shows how black text looks on a background with the YUV color 116.6450, 25.3180, -0.5657.



This preview shows how white text looks on a background with the YUV color 116.6450, 25.3180, -0.5657.

-0.5657.

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

116.6450, 25.3180, -0.5657

Protanopia

114.1590, 29.0086, -17.6794

Deuteranopia

114.0620, 26.0984, -17.5944



Tritanopia

114.3350, 5.2578, -6.4328

Trichromacy



Original Color

116.6450, 25.3180, -0.5657

Protanomaly

115.1490, 27.5345, -11.5317

Deuteranomaly

114.6930, 25.7874, -11.1318

Tritanomaly

115.2950, 12.6726, -4.6437

Monochromacy



Original Color

116.6450, 25.3180, -0.5657

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8180, 9.4567, 0.1596

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6450, 25.3180, -0.5657 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, 107, 168)` looks like.

```
.text, #text, p{  
    color:rgb(116, 107, 168)  
}
```

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, 107, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 107, 168) }
```

Border

The CSS property to change the border of an element to YUV 116.6450, 25.3180, -0.5657 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, 107, 168) }
```


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

```
.border{ border-color:rgb(116, 107, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 107, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 107, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 107, 168);  
box-shadow:4px 4px 4px 4px rgb(116, 107,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 116.6450, 25.3180, -0.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 107, 168) }
```

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

```
.background{ background-color: rgb(116,  
107, 168) }
```

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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