

Converting Colors

YUV(110.1880, 45.2633,
-4.5499)

Have a look what the booklet for
YUV(110.1880, 45.2633, -4.5499)
contains.

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Color

**YUV(110.1880, 45.2633,
-4.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	695FCA
RGB	105, 95, 202
RGB Percent	41%, 37%, 79%
CMY	0.5882, 0.6275, 0.2078
CMYK	0.48, 0.53, 0.00, 0.21
HSL	246°, 50%, 58%
HSV	246°, 53%, 79%
XYZ	20.5786, 15.4519, 57.7750
YIQ	110.1880, -28.3870, 35.3970

Conversions

Conversions Part 2

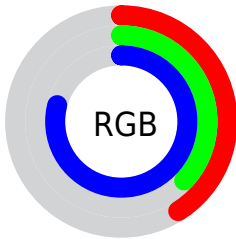
Format	Color
R_{YB}	105, 95, 202
Decimal	6905802
CIE _{Lab}	46.25, 31.93, -54.59
CIE _{LCh}	46, 63.245, 300.321
Yxy	15.4519, 0.2194, 0.1647
Android (android.graphics.Color)	4285095882 (0xFF695FCA)
YUV	110.1880, 45.2633, -4.5499
Hunter-Lab	39.3090, 24.6556, -59.6262

Details

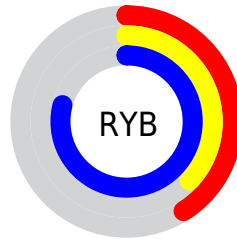
The YUV color **110.1880, 45.2633, -4.5499** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **186.8120, -45.2633, 4.5499**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2100, 45.2525, -1.0612**, and **58.6880, 43.5378, -11.1274** is the 20% darker color. If you saturate the color by 10%, you get **93.0660, 53.7045, -5.3199**, and if you desaturate by 10%, it is **127.3100, 36.8222, -3.7799**.

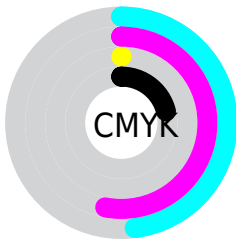
Distribution



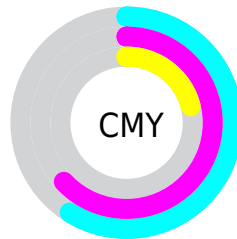
- Red (41%)
- Green (37%)
- Blue (79%)



- Red (41%)
- Yellow (37%)
- Blue (79%)



- Cyan (48%)
- Magenta (53%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (63%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.1880, 45.2633, -4.5499 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 110.1880, 45.2633, -4.5499 by changing the saturation by 10% instead.

■ 110.1880, 45.2633,
-4.5499

■ 110.1880, 45.2633,
-4.5499

255.0000, 0.0000,
0.0000

■ 84.2370, 44.2532,
-7.2238

■ 163.2100, 45.2525,
-1.0612

■ 58.6880, 43.5378,
-11.1274

■ 187.1430, 33.4535,
3.3826

■ 29.6430, 45.0390,
-25.9969

■ 212.2500, 21.0757,
6.7968

■ 14.9390, 39.4701,
-13.1015

■ 237.3570, 8.6980,
10.2109

■ 8.0940, 31.0127,
-7.0984

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 110.1880, 45.2633,
-4.5499

■ 110.1880, 45.2633,
-4.5499

■ 93.0660, 53.7045,
-5.3199

■ 127.3100, 36.8222,
-3.7799

■ 75.6450, 62.2930,
-6.7047

■ 144.7310, 28.2336,
-2.3951

■ 57.9360, 71.0236,
-6.9599

■ 162.4400, 19.5031,
-2.1399

■ 40.8140, 79.4647,
-7.7299

■ 179.5620, 11.0619,
-1.3699

■ 28.7090, 85.4325,
-8.5148

■ 196.9830, 2.4734,
0.0149

■ 214.1050, -5.9678,
0.7849

■ 231.2270,
-14.4089, 1.5549

■ 247.7620,
-22.5607, 2.8397

■ 248.9580,
-23.1503, 5.2988

Harmonies

Analogous

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



92.8300, 61.2158, -81.4119



110.1880, 45.2633, -4.5499



109.3390, 26.4549, 54.9537

Triad

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



110.1880, 45.2633, -4.5499



102.4370, -49.5154, 61.8838



90.4970, 9.1220, -79.3659

Complementary

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



110.1880, 45.2633, -4.5499



186.8120, -45.2633, 4.5499

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.



81.7650, -14.1811, -71.7079



110.1880, 45.2633, -4.5499



102.8640, -50.7120, 25.5523

Square

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



110.1880, 45.2633, -4.5499



100.5610, -20.4896, 85.4540



95.2350, -46.9509, -14.2381



96.5390, 32.2723, -84.6647

Rectangle

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



110.1880, 45.2633, -4.5499



102.6490, 12.9910, 80.1148



95.2350, -46.9509, -14.2381



87.7440, 1.1122, -76.9515

Sweetspot

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



110.1880, 45.2633, -4.5499



219.8700, 17.3191, -1.6400



164.7240, 18.3771, -61.1479



106.7470, 10.4777, -0.6551



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



110.1880, 45.2633, -4.5499



115.0670, 68.9870, -7.0748



125.7360, 37.5982, 27.4185



93.4390, 4.2206, -0.3850



23.4090, 70.2974, -7.3747



5.5280, 16.0087, -1.3401

Inverse Universe

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



138.0510, 26.5969, 56.0833



157.6090, 40.6188, 85.4119



171.2640, -37.5982, -27.4185



96.0160, 2.4571, 5.2480



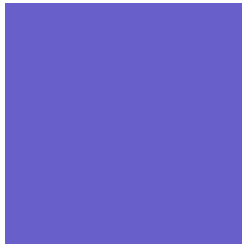
66.7340, 41.0501, 87.0563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 110.1880, 45.2633, -4.5499 looks on a white background.

Color Contrast Check

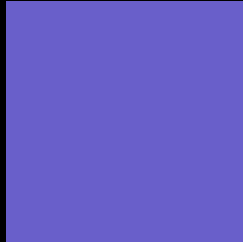
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.1880, 45.2633, -4.5499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

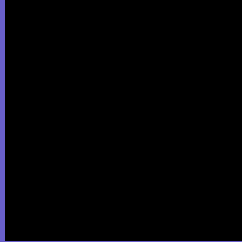
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.1880, 45.2633, -4.5499

Background



This preview shows how black text looks on a background with the YUV color 110.1880, 45.2633, -4.5499.



This preview shows how white text looks on a background with the YUV color 110.1880, 45.2633, -4.5499.

-4.5499.

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

110.1880, 45.2633, -4.5499

Protanopia

99.6600, 55.8766, -48.8138

Tritanopia

106.4580, 8.6482, -20.5727

Trichromacy



Original Color

110.1880, 45.2633, -4.5499

Protanomaly

103.4340, 52.0440, -32.8296

Tritanomaly

107.9330, 21.7250, -14.8502

Monochromacy



Original Color

110.1880, 45.2633, -4.5499

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2290, 16.1561, -1.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1880, 45.2633, -4.5499 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(105, 95, 202)` looks like.

```
.text, #text, p{  
    color:rgb(105, 95, 202)  
}
```

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(105, 95, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 95, 202) }
```

Border

The CSS property to change the border of an element to YUV 110.1880, 45.2633, -4.5499 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(105, 95, 202) }
```

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

```
.border{ border-color:rgb(105, 95, 202) }
```

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

Here you see how a box with a 4 pixel rgb(105, 95, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 95, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 95, 202);  
box-shadow:4px 4px 4px 4px rgb(105, 95,  
202) }
```


Background

The CSS property to change the background color of an element to YUV 110.1880, 45.2633, -4.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 95, 202) }
```

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

```
.background{ background-color: rgb(105, 95,  
202) }
```

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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