

Converting Colors

YUV(120.1990, 45.2579,
-2.8055)

Have a look what the booklet for
YUV(120.1990, 45.2579, -2.8055)
contains.

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Color

**YUV(120.1990, 45.2579,
-2.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	7568D4
RGB	117, 104, 212
RGB Percent	46%, 41%, 83%
CMY	0.5412, 0.5922, 0.1686
CMYK	0.45, 0.51, 0.00, 0.17
HSL	247°, 56%, 62%
HSV	247°, 51%, 83%
XYZ	24.1701, 18.4360, 64.5720
YIQ	120.1990, -26.9200, 36.3440

Conversions

Conversions Part 2

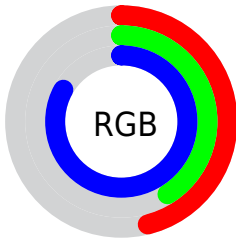
Format	Color
R _Y B	117, 104, 212
Decimal	7694548
CIE Lab	50.02, 32.20, -54.20
CIE LCh	50, 63.047, 300.715
Yxy	18.4360, 0.2255, 0.1720
Android (android.graphics.Color)	4285884628 (0xFF7568D4)
YUV	120.1990, 45.2579, -2.8055
Hunter-Lab	42.9372, 25.3408, -59.1085

Details

The YUV color $120.1990, 45.2579, -2.8055$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $195.8010, -45.2579, 2.8055$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.0810, 40.8791, 1.6830$, and $68.9980, 43.3850, -8.7682$ is the 20% darker color. If you saturate the color by 10%, you get $102.1910, 54.1358, -3.6755$, and if you desaturate by 10%, it is $138.2070, 36.3799, -1.9355$.

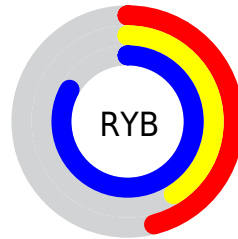
Distribution



Red (46%)

Green (41%)

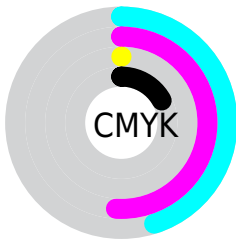
Blue (83%)



Red (46%)

Yellow (41%)

Blue (83%)

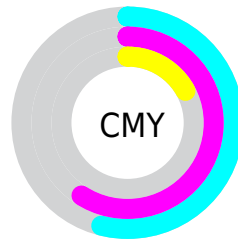


Cyan (45%)

Magenta (51%)

Yellow (0%)

Black (17%)



Cyan (54%)

Magenta (59%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1990, 45.2579, -2.8055 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 120.1990, 45.2579, -2.8055 by changing the saturation by 10% instead.

■ 120.1990, 45.2579,
-2.8055

■ 120.1990, 45.2579,
-2.8055

255.0000, 0.0000,
0.0000

■ 94.5470, 44.1003,
-4.8647

■ 172.0810, 40.8791,
1.6830

■ 68.9980, 43.3850,
-8.7682

■ 196.6010, 28.7907,
5.6119

■ 42.8400, 42.9699,
-15.6457

■ 221.7080, 16.4130,
9.0261

■ 20.0740, 41.3755,
-17.6049

■ 245.0210, 4.9196,
8.7516

■ 9.1200, 34.9438,
-7.9982

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 120.1990, 45.2579,
-2.8055

■ 120.1990, 45.2579,
-2.8055

■ 102.1910, 54.1358,
-3.6755

■ 138.2070, 36.3799,
-1.9355

■ 84.4820, 62.8664,
-3.9307

■ 155.9160, 27.6494,
-1.6803

■ 65.8870, 72.0337,
-4.2859

■ 174.5110, 18.4821,
-1.3251

■ 47.8790, 80.9117,
-5.1559

■ 192.5190, 9.6041,
-0.4552

■ 31.9420, 88.7686,
-5.2111

■ 210.2280, 0.8736,
-0.2000

■ 228.2360, -8.0043,
0.6700

■ 246.2440,
-16.8823, 1.5400

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



99.2530, 62.9793, -87.0449



120.1990, 45.2579, -2.8055



119.5240, 25.8707, 55.6685

Triad

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



120.1990, 45.2579, -2.8055



112.8930, -47.7682, 61.4838



97.5070, 10.5960, -85.5136

Complementary

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



120.1990, 45.2579, -2.8055



195.8010, -45.2579, 2.8055

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.



88.7750, -12.7071, -77.8557



120.1990, 45.2579, -2.8055



111.1370, -54.7905, 27.0669

Square

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



120.1990, 45.2579, -2.8055



111.9200, -21.6526, 85.1392



103.2090, -50.8820, -13.3383



103.6630, 34.1831, -90.9125

Rectangle

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



120.1990, 45.2579, -2.8055



114.3070, 11.6806, 80.4148



103.2090, -50.8820, -13.3383



94.7540, 2.5863, -83.0993

Sweetspot

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



120.1990, 45.2579, -2.8055



222.5280, 16.0087, -1.3401



172.0770, 19.6820, -59.7035



108.2200, 9.7515, -1.0699



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.



120.1990, 45.2579, -2.8055



122.4650, 65.3398, -3.9158



136.3450, 37.2979, 30.3924



97.8520, 4.5100, 0.1298



25.7730, 71.5969, -4.1859



6.3970, 18.0453, -1.2252

Inverse Universe

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



147.1220, 25.5759, 56.8980



161.2620, 36.8458, 82.2082



179.6550, -37.2979, -30.3924



100.4290, 2.7465, 5.7628



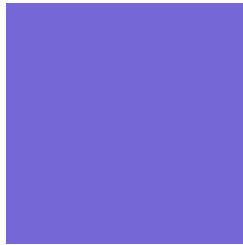
68.2290, 40.3131, 90.1302



17.1890, 10.2598, 22.6362

Previews

White Background



This preview shows how the YUV color 120.1990, 45.2579, -2.8055 looks on a white background.

Color Contrast Check

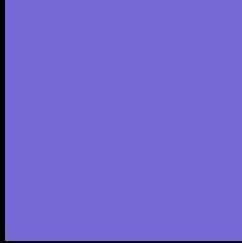
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.1990, 45.2579, -2.8055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

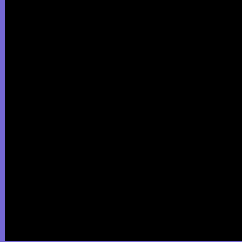
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.1990, 45.2579, -2.8055

Background



This preview shows how black text looks on a background with the YUV color 120.1990, 45.2579, -2.8055.



This preview shows how white text looks on a background with the YUV color 120.1990, 45.2579, -2.8055.

-2.8055.

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

120.1990, 45.2579, -2.8055

Protanopia

111.1660, 55.1342, -43.9956

Deuteranopia

107.0090, 49.7886, -56.1359



Tritanopia

116.0670, 8.3480, -17.5988

Trichromacy



Original Color

120.1990, 45.2579, -2.8055

Protanomaly

114.3420, 51.5964, -29.2409

Deuteranomaly

111.6740, 47.9817, -36.5481

Tritanomaly

117.6560, 21.8616, -11.9763

Monochromacy



Original Color

120.1990, 45.2579, -2.8055

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9410, 16.2981, -0.8253

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1990, 45.2579, -2.8055 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(117, 104, 212)` looks like.

```
.text, #text, p{  
    color:rgb(117, 104, 212)  
}
```

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(117, 104, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 104, 212) }
```

Border

The CSS property to change the border of an element to YUV 120.1990, 45.2579, -2.8055 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(117, 104, 212) }
```


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

```
.border{ border-color:rgb(117, 104, 212) }
```

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

Here you see how a box with a 4 pixel rgb(117, 104, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 104, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 104, 212);  
box-shadow:4px 4px 4px 4px rgb(117, 104,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 120.1990, 45.2579, -2.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 104, 212) }
```

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

```
.background{ background-color: rgb(117,  
104, 212) }
```

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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