

Converting Colors

YUV(117.7500, 56.3252,
-5.9197)

Have a look what the booklet for
YUV(117.7500, 56.3252, -5.9197)
contains.

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Color

**YUV(117.7500, 56.3252,
-5.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	6F63E8
RGB	111, 99, 232
RGB Percent	44%, 39%, 91%
CMY	0.5647, 0.6118, 0.0902
CMYK	0.52, 0.57, 0.00, 0.09
HSL	245°, 74%, 65%
HSV	245°, 57%, 91%
XYZ	25.5829, 18.1294, 78.4949
YIQ	117.7500, -35.5410, 43.9070

Conversions

Conversions Part 2

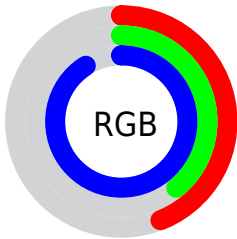
Format	Color
R _Y B	111, 99, 232
Decimal	7300072
CIE Lab	49.65, 39.84, -66.14
CIE LCh	50, 77.212, 301.067
Yxy	18.1294, 0.2093, 0.1483
Android (android.graphics.Color)	4285490152 (0xFF6F63E8)
YUV	117.7500, 56.3252, -5.9197
Hunter-Lab	42.5786, 32.7371, -79.4978

Details

The YUV color **117.7500, 56.3252, -5.9197** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **213.2500, -56.3252, 5.9197**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9500, 42.9157, 1.7979**, and **63.9290, 54.7580, -16.6007** is the 20% darker color. If you saturate the color by 10%, you get **97.9700, 66.0768, -6.9897**, and if you desaturate by 10%, it is **137.5300, 46.5737, -4.8498**.

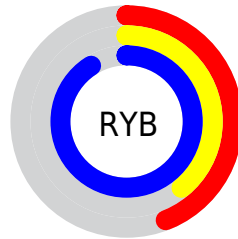
Distribution



Red (44%)

Green (39%)

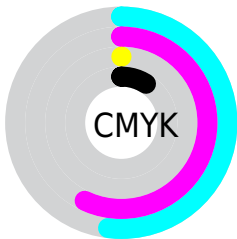
Blue (91%)



Red (44%)

Yellow (39%)

Blue (91%)

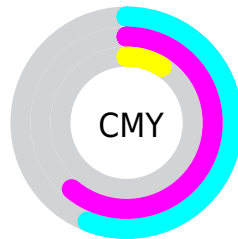


Cyan (52%)

Magenta (57%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (61%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7500, 56.3252, -5.9197 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 117.7500, 56.3252, -5.9197 by changing the saturation by 10% instead.

■ 117.7500, 56.3252,
-5.9197

■ 117.7500, 56.3252,
-5.9197

255.0000, 0.0000,
0.0000

■ 91.0870, 55.1731,
-9.7233

■ 167.9500, 42.9157,
1.7979

■ 63.9290, 54.7580,
-16.6007

■ 192.7690, 30.6799,
6.3416

■ 34.4820, 55.9644,
-30.2407

■ 218.1750, 18.1547,
10.3705

■ 19.0770, 50.2480,
-16.7305

■ 242.0860, 6.3666,
11.3256

■ 10.9440, 41.9326,
-9.5979

■ 12.7900, 28.6975,
-11.2168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 117.7500, 56.3252,
-5.9197

■ 117.7500, 56.3252,
-5.9197

■ 97.9700, 66.0768,
-6.9897

■ 137.5300, 46.5737,
-4.8498

■ 78.1900, 75.8283,
-8.0596

■ 157.3100, 36.8222,
-3.7799

■ 57.8230, 85.8693,
-8.6148

■ 177.6770, 26.7812,
-3.2247

■ 38.0430, 95.6208,
-9.6847

■ 197.4570, 17.0297,
-2.1548

■ 32.7270, 98.2416,
-10.2846

■ 217.5360, 7.1308,
-0.4701

■ 237.3160, -2.6208,
0.5999

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



102.5760, 73.1730, -89.9592



117.7500, 56.3252, -5.9197



113.5120, 34.2576, 72.3420

Triad

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



117.7500, 56.3252, -5.9197



109.0640, -53.7686, 72.7349



98.6810, 10.0173, -86.5432

Complementary

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



117.7500, 56.3252, -5.9197



213.2500, -56.3252, 5.9197

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.



88.8260, -20.1272, -77.9004



117.7500, 56.3252, -5.9197



110.2510, -54.3537, 26.9669

Square

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



117.7500, 56.3252, -5.9197



100.8350, -22.5967, 108.0157



100.1970, -49.3971, -22.9748



106.2050, 38.8459, -93.1418

Rectangle

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



117.7500, 56.3252, -5.9197



97.1270, 21.6294, 109.5136



100.1970, -49.3971, -22.9748



95.4720, 0.2603, -83.7289

Sweetspot

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



117.7500, 56.3252, -5.9197



218.0980, 18.1927, -1.8399



185.7760, 22.7884, -76.1026



105.5620, 11.0619, -1.3699



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.



117.7500, 56.3252, -5.9197



103.8480, 74.5179, -7.7597



137.4840, 46.5964, 34.6555



104.6670, 5.0942, -0.5850



25.1900, 75.8283, -8.0596



7.3090, 21.5397, -2.0250

Inverse Universe

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



152.5610, 33.2474, 69.6680



149.8640, 43.9440, 92.2043



193.5160, -46.5964, -34.6555



107.8420, 3.0359, 6.2776



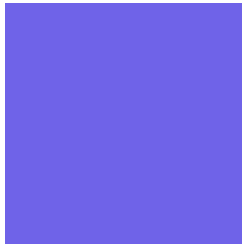
71.9890, 44.3754, 93.8486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 117.7500, 56.3252, -5.9197 looks on a white background.

Color Contrast Check

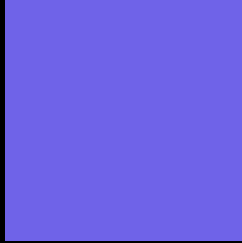
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.7500, 56.3252, -5.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

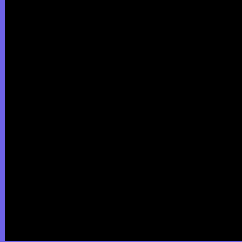
Any Text WCAG AA ✓ Pass

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 117.7500, 56.3252, -5.9197 Background



This preview shows how black text looks on a background with the YUV color 117.7500, 56.3252, -5.9197.



This preview shows how white text looks on a background with the YUV color 117.7500, 56.3252, -5.9197.

-5.9197.

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

117.7500, 56.3252, -5.9197

Deuteranopia

94.3800, 57.0007, -82.7713

Tritanopia

112.6850, 11.0013, -28.6647

Trichromacy



Original Color

117.7500, 56.3252, -5.9197

Deuteranomaly

102.5560, 56.9139, -54.8616

Tritanomaly

114.6810, 27.2723, -20.7682

Monochromacy



Original Color

117.7500, 56.3252, -5.9197

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.6680, 20.3767, -2.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7500, 56.3252, -5.9197 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(111, 99, 232)` looks like.

```
.text, #text, p{  
    color:rgb(111, 99, 232)  
}
```

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(111, 99, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 99, 232) }
```

Border

The CSS property to change the border of an element to YUV 117.7500, 56.3252, -5.9197 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(111, 99, 232) }
```

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

```
.border{ border-color:rgb(111, 99, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 99, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 99, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 99, 232);  
box-shadow:4px 4px 4px 4px rgb(111, 99,  
232) }
```


Background

The CSS property to change the background color of an element to YUV 117.7500, 56.3252, -5.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 99, 232) }
```

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

```
.background{ background-color: rgb(111, 99,  
232) }
```

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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