

Converting Colors

YUV(96.5710, 61.3435, 17.9162)

Have a look what the booklet for
YUV(96.5710, 61.3435, 17.9162)
contains.

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Color

**YUV(96.5710, 61.3435,
17.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	753EDD
RGB	117, 62, 221
RGB Percent	46%, 24%, 87%
CMY	0.5412, 0.7569, 0.1333
CMYK	0.47, 0.72, 0.00, 0.13
HSL	261°, 70%, 55%
HSV	261°, 72%, 87%
XYZ	22.1099, 12.4476, 69.6439
YIQ	96.5710, -18.2590, 61.1090

Conversions

Conversions Part 2

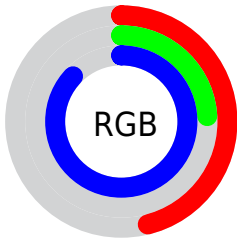
Format	Color
R_{YB}	117, 62, 221
Decimal	7683805
CIE _{Lab}	41.92, 57.86, -72.46
CIE _{LCh}	42, 92.724, 308.605
Yxy	12.4476, 0.2122, 0.1195
Android (android.graphics.Color)	4285873885 (0xFF753EDD)
YUV	96.5710, 61.3435, 17.9162
Hunter-Lab	35.2812, 50.1197, -92.3398

Details

The YUV color **96.5710, 61.3435, 17.9162** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **186.4290, -61.3435, -17.9162**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9110, 52.3019, 24.6341**, and **35.8310, 63.6803, 15.0572** is the 20% darker color. If you saturate the color by 10%, you get **79.4710, 69.7738, 20.6349**, and if you desaturate by 10%, it is **113.6710, 52.9132, 15.1975**.

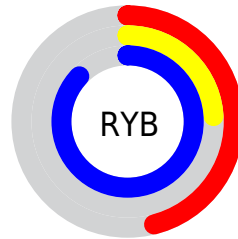
Distribution



Red (46%)

Green (24%)

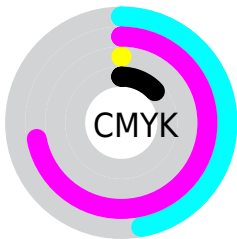
Blue (87%)



Red (46%)

Yellow (24%)

Blue (87%)

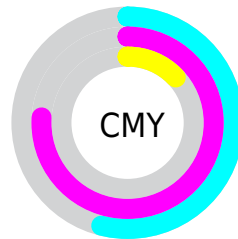


Cyan (47%)

Magenta (72%)

Yellow (0%)

Black (13%)



Cyan (54%)

Magenta (76%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5710, 61.3435, 17.9162 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 96.5710, 61.3435, 17.9162 by changing the saturation by 10% instead.

■ 96.5710, 61.3435,
17.9162

■ 96.5710, 61.3435,
17.9162

255.0000, 0.0000,
0.0000

■ 68.1470, 61.0595,
15.6571

■ 148.9110, 52.3019,
24.6341

■ 35.8310, 63.6803,
15.0572

■ 173.7300, 40.0661,
29.1778

■ 15.6180, 59.8413,
-13.6970

■ 198.5490, 27.8303,
33.7215

■ 12.6540, 48.4846,
-11.0976

■ 220.3670, 17.0741,
30.3731

■ 9.8040, 37.5646,
-8.5981

■ 237.3900, 8.6817,
15.4440

■ 10.4760, 24.9083,
-9.1875

254.4130, 0.2894,

■ 6.0930, 15.7302,

0.5148

-5.3436

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 96.5710, 61.3435,
17.9162

■ 96.5710, 61.3435,
17.9162

■ 79.4710, 69.7738,
20.6349

■ 113.6710, 52.9132,
15.1975

■ 62.0720, 78.3515,
22.7389

■ 131.0700, 44.3355,
13.0936

■ 47.9180, 85.3294,
24.6279

■ 148.1700, 35.9052,
10.3749

■ 165.5690, 27.3275,
8.2710

■ 183.2560, 18.6078,
5.0375

■ 200.6550, 10.0301,
2.9336

■ 217.7550, 1.5998,
0.2149

■ 235.1540, -6.9779,
-1.8891

■ 248.7320,
-13.6719, -1.5190

Harmonies

Analogous

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



90.0040, 80.8500, -78.9335



96.5710, 61.3435, 17.9162



77.8830, 38.5117, 107.9736

Triad

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



96.5710, 61.3435, 17.9162



91.3000, -45.0109, 63.7579



88.2290, 15.6631, -77.3768

Complementary

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



96.5710, 61.3435, 17.9162



186.4290, -61.3435, -17.9162

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.



76.8920, -20.1598, -67.4343



96.5710, 61.3435, 17.9162



90.9590, -44.8428, 9.6830

Square

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



96.5710, 61.3435, 17.9162



61.8930, -30.5132, 127.2588



69.2660, -34.1481, -60.7463



97.2520, 47.6968, -85.2900

Rectangle

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



96.5710, 61.3435, 17.9162



78.1630, 13.7236, 125.2680



69.2660, -34.1481, -60.7463



84.5640, 4.1589, -74.1626

Sweetspot

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



96.5710, 61.3435, 17.9162



211.0650, 21.6600, 6.0820



142.3480, 38.7754, -70.4652



101.4640, 13.0822, 3.9781



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.



96.5710, 61.3435, 17.9162



83.6900, 84.4558, 24.8279



119.8930, 49.8458, 65.8688



101.1510, 4.3626, 0.7446



37.6620, 66.7216, 19.5904



10.0280, 17.7342, 5.2374

Inverse Universe

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



121.3970, 21.9893, 87.3518



117.7830, 30.1800, 120.3393



163.1070, -49.8458, -65.8688



103.0870, 1.4361, 6.0627



64.6090, 23.8568, 95.0589



17.1740, 6.3232, 25.2804

Previews

White Background



This preview shows how the YUV color 96.5710, 61.3435, 17.9162 looks on a white background.

Color Contrast Check

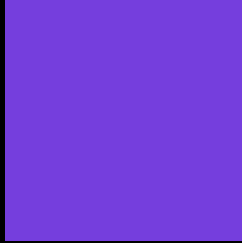
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.5710, 61.3435, 17.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

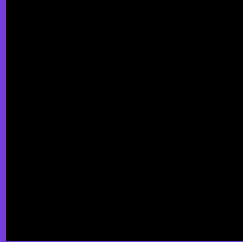
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5710, 61.3435, 17.9162

Background



This preview shows how black text looks on a background with the YUV color 96.5710, 61.3435, 17.9162.



This preview shows how white text looks on a background with the YUV color 96.5710, 61.3435,

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

96.5710, 61.3435, 17.9162

Protanopia

78.6790, 60.3043, -69.0015

Deuteranopia

79.1230, 46.7744, -69.3909



Tritanopia

97.7260, 5.5581, -9.4067

Trichromacy



Original Color

96.5710, 61.3435, 17.9162



Protanomaly

85.2900, 60.4960, -37.0883



Deuteranomaly

85.7000, 51.9129, -37.4479



Tritanomaly

97.4710, 25.8968, 0.4639

Monochromacy



Original Color

96.5710, 61.3435, 17.9162



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.5920, 22.3861, 6.4968

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5710, 61.3435, 17.9162 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, 62, 221)` looks like.

```
.text, #text, p{  
    color:rgb(117, 62, 221)  
}
```

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, 62, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 62, 221) }
```

Border

The CSS property to change the border of an element to YUV 96.5710, 61.3435, 17.9162 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, 62, 221) }
```


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

```
.border{ border-color:rgb(117, 62, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 62, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 62, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 62, 221);  
box-shadow:4px 4px 4px 4px rgb(117, 62,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 96.5710, 61.3435, 17.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 62, 221) }
```

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

```
.background{ background-color: rgb(117, 62,  
221) }
```

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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