

Converting Colors

YUV(96.5120, 57.4286, 13.5830)

Have a look what the booklet for
YUV(96.5120, 57.4286, 13.5830)
contains.

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Color

**YUV(96.5120, 57.4286,
13.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	7042D5
RGB	112, 66, 213
RGB Percent	44%, 26%, 84%
CMY	0.5608, 0.7412, 0.1647
CMYK	0.47, 0.69, 0.00, 0.16
HSL	259°, 64%, 55%
HSV	259°, 69%, 84%
XYZ	20.6405, 12.1453, 64.2072
YIQ	96.5120, -19.7710, 55.4690

Conversions

Conversions Part 2

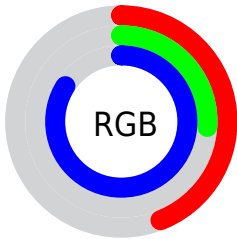
Format	Color
R _Y B	112, 66, 213
Decimal	7357141
CIE Lab	41.45, 52.92, -68.67
CIE LCh	41, 86.698, 307.622
Yxy	12.1453, 0.2128, 0.1252
Android (android.graphics.Color)	4285547221 (0xFF7042D5)
YUV	96.5120, 57.4286, 13.5830
Hunter-Lab	34.8501, 44.7321, -84.8399

Details

The YUV color **96.5120, 57.4286, 13.5830** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **182.4880, -57.4286, -13.5830**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8780, 52.3181, 19.4010**, and **40.1800, 57.5923, 7.7351** is the 20% darker color. If you saturate the color by 10%, you get **79.7000, 65.7169, 15.1721**, and if you desaturate by 10%, it is **113.3240, 49.1403, 11.9939**.

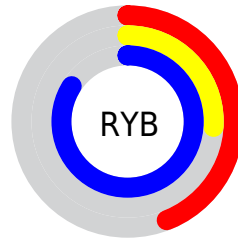
Distribution



Red (44%)

Green (26%)

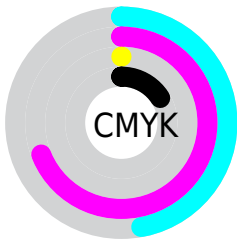
Blue (84%)



Red (44%)

Yellow (26%)

Blue (84%)

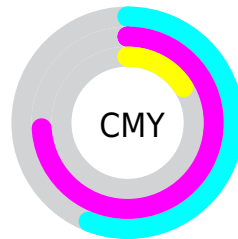


Cyan (47%)

Magenta (69%)

Yellow (0%)

Black (16%)



Cyan (56%)

Magenta (74%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5120, 57.4286, 13.5830 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 96.5120, 57.4286, 13.5830 by changing the saturation by 10% instead.

96.5120, 57.4286,
13.5830

96.5120, 57.4286,
13.5830

255.0000, 0.0000,
0.0000

69.6750, 56.8552,
10.8090

148.8780, 52.3181,
19.4010

40.1800, 57.5923,
7.7351

173.6970, 40.0824,
23.9447

14.8200, 56.7837,
-12.9971

198.5160, 27.8466,
28.4885

11.8560, 45.4270,
-10.3977

222.1280, 16.2059,
28.8287

9.0060, 34.5070,
-7.8983

238.5640, 8.1029,
14.4144

9.2050, 22.5769,
-8.0728

4.9360, 13.8356,

-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 96.5120, 57.4286,
13.5830

■ 96.5120, 57.4286,
13.5830

■ 79.7000, 65.7169,
15.1721

■ 113.3240, 49.1403,
11.9939

■ 62.6000, 74.1472,
17.8908

■ 130.4240, 40.7100,
9.2752

■ 45.7880, 82.4355,
19.4799

■ 147.2360, 32.4217,
7.6860

■ 44.3150, 83.1617,
19.8947

■ 164.0480, 24.1333,
6.0969

■ 181.1480, 15.7030,
3.3782

■ 197.9600, 7.4147,
1.7891

■ 214.4730, -0.7262,
-0.4148

■ 231.2850, -9.0145,
-2.0039

■ 246.9230,
-16.7240, -2.5635

Harmonies

Analogous

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



88.1630, 76.3346, -77.3190



96.5120, 57.4286, 13.5830



74.9640, 38.9647, 102.6406

Triad

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



96.5120, 57.4286, 13.5830



90.4030, -44.5687, 61.9136



86.4850, 14.0579, -75.8473

Complementary

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



96.5120, 57.4286, 13.5830



182.4880, -57.4286, -13.5830

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.



75.8320, -19.1442, -66.5047



96.5120, 57.4286, 13.5830



90.3830, -44.5588, 11.9421

Square

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



96.5120, 57.4286, 13.5830



61.1250, -25.6976, 122.6704



68.0920, -33.5694, -59.7167



94.4650, 44.6338, -82.8458

Rectangle

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



96.5120, 57.4286, 13.5830



75.5860, 15.4871, 119.6351



68.0920, -33.5694, -59.7167



83.0480, 3.4273, -72.8331

Sweetspot

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



96.5120, 57.4286, 13.5830



212.2390, 21.0812, 5.0524



143.2190, 34.4020, -67.7211



102.6380, 12.5035, 2.9485



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.



96.5120, 57.4286, 13.5830



87.2010, 82.7249, 19.9947



118.0400, 46.8153, 57.8469



98.4500, 4.2152, 1.3594



35.3410, 66.8799, 15.4869



9.0880, 16.7186, 4.3078

Inverse Universe

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



121.4670, 22.4478, 80.2744



123.0320, 32.5222, 115.7359



160.9600, -46.8153, -57.8469



100.2010, 1.8729, 5.9627



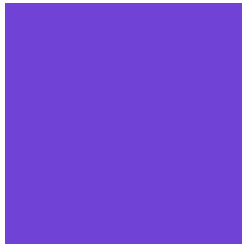
64.4670, 25.8988, 93.4294



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 96.5120, 57.4286, 13.5830 looks on a white background.

Color Contrast Check

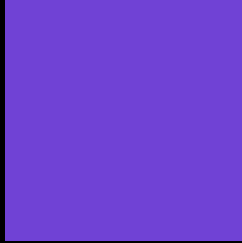
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.5120, 57.4286, 13.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

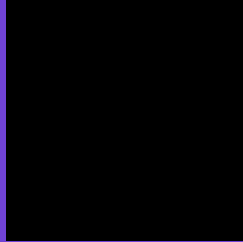
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5120, 57.4286, 13.5830

Background



This preview shows how black text looks on a background with the YUV color 96.5120, 57.4286, 13.5830.



This preview shows how white text looks on a background with the YUV color 96.5120, 57.4286,

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

96.5120, 57.4286, 13.5830

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.3080, 46.1902, -68.6761



Tritanopia

96.1280, 5.8529, -10.6363

Trichromacy



Original Color

96.5120, 57.4286, 13.5830

Protanomaly

84.8230, 58.7543, -38.4328

Deuteranomaly

85.2330, 50.1711, -38.7923

Tritanomaly

96.4060, 24.4498, -2.1101

Monochromacy



Original Color

96.5120, 57.4286, 13.5830

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8260, 20.7918, 4.5376

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5120, 57.4286, 13.5830 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(112, 66, 213)` looks like.

```
.text, #text, p{  
    color:rgb(112, 66, 213)  
}
```

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(112, 66, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 66, 213) }
```

Border

The CSS property to change the border of an element to YUV 96.5120, 57.4286, 13.5830 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(112, 66, 213) }
```


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

```
.border{ border-color:rgb(112, 66, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 66, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 66, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 66, 213);  
box-shadow:4px 4px 4px 4px rgb(112, 66,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 96.5120, 57.4286, 13.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 66, 213) }
```

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

```
.background{ background-color: rgb(112, 66,  
213) }
```

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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