

Converting Colors

YUV(70.1170, 12.7603, 13.9294)

Have a look what the booklet for
YUV(70.1170, 12.7603, 13.9294)
contains.

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Color

**YUV(70.1170, 12.7603,
13.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	563960
RGB	86, 57, 96
RGB Percent	34%, 22%, 38%
CMY	0.6627, 0.7765, 0.6235
CMYK	0.10, 0.41, 0.00, 0.62
HSL	285°, 25%, 30%
HSV	285°, 41%, 38%
XYZ	7.4122, 5.7492, 11.7854
YIQ	70.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

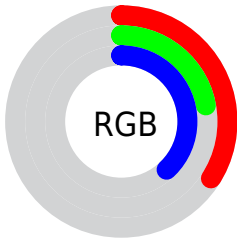
Format	Color
R_{YB}	86, 57, 96
Decimal	5650784
CIE _{Lab}	28.77, 20.64, -18.12
CIE _{LCh}	29, 27.469, 318.717
Yxy	5.7492, 0.2971, 0.2305
Android (android.graphics.Color)	4283840864 (0xFF563960)
YUV	70.1170, 12.7603, 13.9294
Hunter-Lab	23.9775, 13.2192, -12.3578




Details

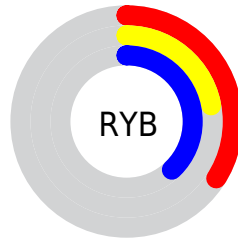
The YUV color **70.1170, 12.7603, 13.9294** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.8830, -12.7603, -13.9294**, and the grayscale version is **70.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.0570, 13.7759, 14.8590**, and **25.4650, 11.6028, 11.8702** is the 20% darker color. If you saturate the color by 10%, you get **63.6490, 15.9490, 17.8478**, and if you desaturate by 10%, it is **76.5850, 9.5716, 10.0110**.

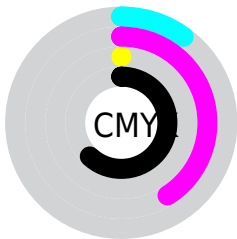
Distribution







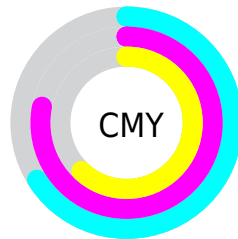
-  Red (34%)
-  Green (22%)
-  Blue (38%)






-  Red (34%)
-  Yellow (22%)
-  Blue (38%)



-  Cyan (10%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (66%)
-  Magenta (78%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1170, 12.7603, 13.9294 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 70.1170, 12.7603, 13.9294 by changing the saturation by 10% instead.

70.1170, 12.7603,
13.9294

70.1170, 12.7603,
13.9294

255.0000, 0.0000,
0.0000

47.2910, 12.1815,
12.8998

119.0570, 13.7759,
14.8590

25.4650, 11.6028,
11.8702

144.7690, 13.9179,
15.9886

8.9870, 9.8664,
8.7814

171.2960, 14.6441,
16.4034

0.0000, 0.0000,
0.0000

198.7090, 14.9335,
16.9182

226.7800, 13.9125,
17.7329

245.6080, 4.6303,

8.2368

■ 70.1170, 12.7603,
13.9294

■ 70.1170, 12.7603,
13.9294

■ 63.6490, 15.9490,
17.8478

■ 76.5850, 9.5716,
10.0110

■ 57.4690, 18.9958,
20.6367

■ 82.7650, 6.5249,
7.2221

■ 51.0010, 22.1845,
24.5551

■ 89.2330, 3.3361,
3.3037

■ 44.8210, 25.2312,
27.3440

■ 95.4130, 0.2894,
0.5148

■ 38.3530, 28.4200,
31.2624

■ 101.8810, -2.8993,
-3.4036

■ 32.1730, 31.4667,
34.0513

■ 108.6480, -6.2355,
-6.7073

■ 114.5290, -9.1348,
-10.1109

■ 121.2960,
-12.4709, -13.4146

■ 127.1770,
-15.3703, -16.8182

Harmonies

Analogous

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



67.2110, 20.1090, -9.8320



70.1170, 12.7603, 13.9294



69.5120, 3.6916, 29.3690

Triad

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



70.1170, 12.7603, 13.9294



66.4310, -20.4255, 18.0390



55.0200, 12.8081, -48.2525

Complementary

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



70.1170, 12.7603, 13.9294



82.8830, -12.7603, -13.9294

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.



52.5120, 3.1986, -46.0530



70.1170, 12.7603, 13.9294



64.6740, -19.0663, 2.0399

Square

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



70.1170, 12.7603, 13.9294



67.2890, -14.9325, 29.5645



61.3280, -11.0077, -16.0737



56.4850, 20.9599, -49.5373

Rectangle

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



70.1170, 12.7603, 13.9294



68.4110, -3.1606, 33.8426



61.3280, -11.0077, -16.0737



54.8090, 9.4612, -48.0675

Sweetspot

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



70.1170, 12.7603, 13.9294



114.9990, 4.9305, 5.2629



67.3160, 14.1412, -9.0471



57.8200, 3.0467, 2.7889



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



70.1170, 12.7603, 13.9294



84.4090, 20.0114, 21.5663



72.0810, 7.3551, 20.9770



45.3530, 1.3050, 1.4444



37.5850, 36.6866, 39.8290



80.5820, 78.5931, 85.4356

Inverse Universe

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



69.8010, -1.3809, 22.9765



83.9490, -2.4399, 36.0017



80.9190, -7.3551, -20.9770



45.3100, -0.1528, 2.3591



36.7940, -3.8424, 65.9557



78.7140, -8.7330, 141.4478

Previews

White Background



This preview shows how the YUV color 70.1170, 12.7603, 13.9294 looks on a white background.

Color Contrast Check

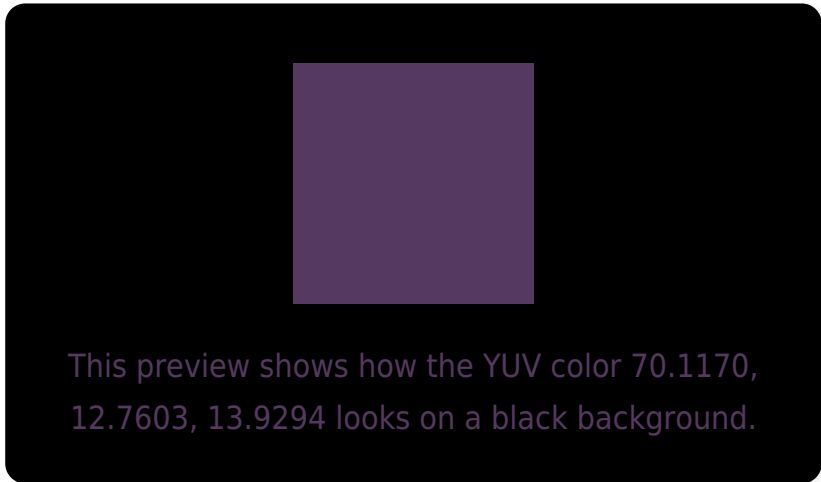
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

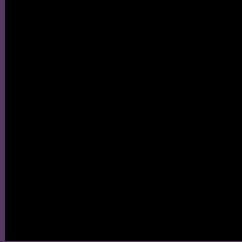
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.1170, 12.7603, 13.9294

Background



This preview shows how black text looks on a background with the YUV color 70.1170, 12.7603, 13.9294.



This preview shows how white text looks on a background with the YUV color 70.1170, 12.7603,

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

70.1170, 12.7603, 13.9294

Protanopia

67.6300, 17.9304, -11.0765

Deuteranopia

67.9850, 12.8254, -7.0028



Tritanopia

69.2510, -0.6167, 11.1809

Trichromacy



Original Color

70.1170, 12.7603, 13.9294

Protanomaly

68.2290, 16.1561, -1.9548

Deuteranomaly

68.4420, 13.0931, 0.4894

Tritanomaly

69.5160, 4.1826, 11.8255

Monochromacy



Original Color

70.1170, 12.7603, 13.9294

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8850, 4.4937, 5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1170, 12.7603, 13.9294 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(86, 57, 96)` looks like.

```
.text, #text, p{  
    color:rgb(86, 57, 96)  
}
```

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(86, 57, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 57, 96) }
```

Border

The CSS property to change the border of an element to YUV 70.1170, 12.7603, 13.9294 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(86, 57, 96) }
```


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

```
.border{ border-color:rgb(86, 57, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 57, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 57, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 57, 96);  
box-shadow:4px 4px 4px 4px rgb(86, 57, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.1170, 12.7603, 13.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 57, 96) }
```

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

```
.background{ background-color: rgb(86, 57,  
96) }
```

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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