

Converting Colors

YUV(57.7110, 52.4005, 39.7185)

Have a look what the booklet for
YUV(57.7110, 52.4005, 39.7185)
contains.

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Color

**YUV(57.7110, 52.4005,
39.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	670EA4
RGB	103, 14, 164
RGB Percent	40%, 5%, 64%
CMY	0.5961, 0.9451, 0.3569
CMYK	0.37, 0.91, 0.00, 0.36
HSL	276°, 84%, 35%
HSV	276°, 91%, 64%
XYZ	12.4514, 5.8780, 35.6003
YIQ	57.7110, 4.8940, 65.5180

Conversions

Conversions Part 2

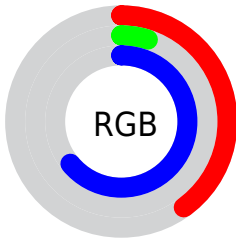
Format	Color
R_{YB}	103, 14, 164
Decimal	6753956
CIE _{Lab}	29.10, 59.53, -60.02
CIE _{LCh}	29, 84.536, 314.766
Yxy	5.8780, 0.2309, 0.1090
Android (android.graphics.Color)	4284944036 (0xFF670EA4)
YUV	57.7110, 52.4005, 39.7185
Hunter-Lab	24.2445, 49.2453, -70.0892

Details

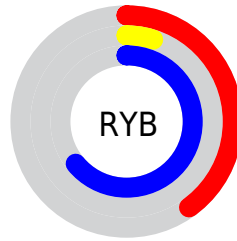
The YUV color **57.7110, 52.4005, 39.7185** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **120.2890, -52.4005, -39.7185**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9450, 50.8061, 37.7592**, and **26.1090, 41.8513, 16.5674** is the 20% darker color. If you saturate the color by 10%, you get **47.6990, 57.3364, 43.2370**, and if you desaturate by 10%, it is **69.1960, 46.7384, 35.7851**.

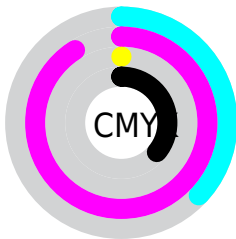
Distribution



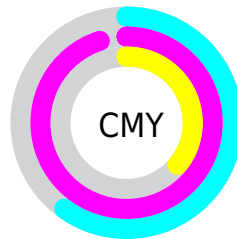
- Red (40%)
- Green (5%)
- Blue (64%)



- Red (40%)
- Yellow (5%)
- Blue (64%)



- Cyan (37%)
- Magenta (91%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (95%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7110, 52.4005, 39.7185 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 57.7110, 52.4005, 39.7185 by changing the saturation by 10% instead.

■ 57.7110, 52.4005,
39.7185

■ 57.7110, 52.4005,
39.7185

■ 255.0000, 0.0000,
0.0000

■ 38.0430, 48.7858,
32.4113

■ 116.9450, 50.8061,
37.7592

■ 26.1090, 41.8513,
16.5674

■ 144.7710, 51.3849,
38.7888

■ 13.9900, 35.5009,
0.0088

■ 169.9750, 41.9173,
42.1179

■ 6.9540, 26.6447,
-6.0987

■ 195.3810, 29.3922,
46.1469

■ 6.0930, 15.7302,
-5.3436

■ 213.9100, 20.2574,
36.0359


■ 2.4110, 6.6994,
-2.1144


■ 230.3460, 12.1544,


■ 0.0000, 0.0000,


21.6216


0.0000


 247.3690, 3.7621,
6.6924


 57.7110, 52.4005,
39.7185


 57.7110, 52.4005,
39.7185


 47.6990, 57.3364,
43.2370

 69.1960, 46.7384,
35.7851

 80.9690, 40.9343,
30.7222

 92.4540, 35.2722,
26.7888

 104.5260, 29.3207,
22.3407

 115.7120, 23.8060,
17.7926

■ 127.1970, 18.1439,
13.8592

■ 139.2690, 12.1924,
9.4111

■ 150.4550, 6.6777,
4.8630

■ 162.5270, 0.7262,
0.4148

Harmonies

Analogous

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



63.3030, 67.3916, -55.5167



57.7110, 52.4005, 39.7185



60.4080, 21.9839, 89.0962

Triad

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



57.7110, 52.4005, 39.7185



64.3000, -31.6999, 40.9559



64.9310, 17.7820, -56.9445

Complementary

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



57.7110, 52.4005, 39.7185



120.2890, -52.4005, -39.7185

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.



55.6630, -12.6519, -48.8165



57.7110, 52.4005, 39.7185



60.7580, -29.9537, -5.9268

Square

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



57.7110, 52.4005, 39.7185



45.4480, -22.4059, 93.4461



50.4820, -24.8876, -44.2727



72.4720, 44.1373, -63.5579

Rectangle

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



57.7110, 52.4005, 39.7185



58.7950, 1.5801, 100.1578



50.4820, -24.8876, -44.2727



62.3090, 7.7357, -54.6450

Sweetspot

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



57.7110, 52.4005, 39.7185



173.0770, 20.1750, 15.7185



68.0810, 47.2881, -47.4290



82.8560, 11.9030, 8.8963



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



57.7110, 52.4005, 39.7185



62.3690, 74.7541, 56.6814



74.5820, 38.1671, 78.4196



75.5210, 3.1941, 2.1741



42.2440, 50.6587, 38.3740



5.3410, 6.2409, 4.9629

Inverse Universe

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



65.8040, 4.5336, 86.1179



73.9040, 6.4563, 122.8642



103.4180, -38.1671, -78.4196



76.1470, 0.4205, 5.1331



50.0810, 4.3971, 83.2440



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 57.7110, 52.4005, 39.7185 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



This preview shows how the YUV color 57.7110, 52.4005, 39.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

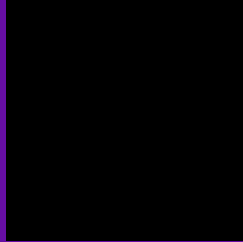
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7110, 52.4005, 39.7185

Background



This preview shows how black text looks on a background with the YUV color 57.7110, 52.4005, 39.7185.



This preview shows how white text looks on a background with the YUV color 57.7110, 52.4005,

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

57.7110, 52.4005, 39.7185

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.2860, 32.8900, -49.3628



Tritanopia

71.2510, -0.6167, 11.1809

Trichromacy



Original Color

57.7110, 52.4005, 39.7185

Protanomaly

56.4530, 46.6117, -17.0603

Deuteranomaly

56.7320, 40.0651, -17.3050

Tritanomaly

66.0670, 18.7010, 21.8662

Monochromacy



Original Color

57.7110, 52.4005, 39.7185

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8380, 19.3069, 14.1741

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7110, 52.4005, 39.7185 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(103, 14, 164)` looks like.

```
.text, #text, p{  
    color:rgb(103, 14, 164)  
}
```

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(103, 14, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 14, 164) }
```

Border

The CSS property to change the border of an element to YUV 57.7110, 52.4005, 39.7185 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(103, 14, 164) }
```


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

```
.border{ border-color:rgb(103, 14, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 14, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 14, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 14, 164);  
box-shadow:4px 4px 4px 4px rgb(103, 14,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 57.7110, 52.4005, 39.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 14, 164) }
```

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

```
.background{ background-color: rgb(103, 14,  
164) }
```

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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