

Converting Colors

YUV(65.9110, 2.0159, 53.5751)

Have a look what the booklet for
YUV(65.9110, 2.0159, 53.5751)
contains.

YUV(65.9110, 2.0159, 53.5751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(65.9110, 2.0159,
53.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	7F2246
RGB	127, 34, 70
RGB Percent	50%, 13%, 27%
CMY	0.5020, 0.8667, 0.7255
CMYK	0.00, 0.73, 0.45, 0.50
HSL	337°, 58%, 32%
HSV	337°, 73%, 50%
XYZ	10.4299, 6.0983, 6.4217
YIQ	65.9110, 43.8720, 30.9120

Conversions

Conversions Part 2

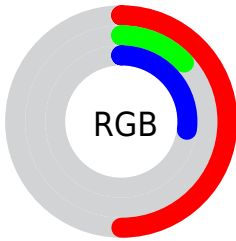
Format	Color
R_{YB}	127, 34, 70
Decimal	8331846
CIE Lab	29.66, 42.57, 0.87
CIE LCh	30, 42.581, 1.174
Yxy	6.0983, 0.4545, 0.2657
Android (android.graphics.Color)	4286521926 (0xFF7F2246)
YUV	65.9110, 2.0159, 53.5751
Hunter-Lab	24.6947, 32.1746, 1.8682

Details

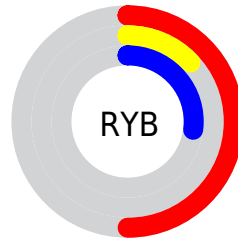
The YUV color **65.9110, 2.0159, 53.5751** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **95.0890, -2.0159, -53.5751**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.6510, -0.3209, 56.4341**, and **24.9050, 1.0328, 42.1793** is the 20% darker color. If you saturate the color by 10%, you get **57.3680, 2.2836, 61.0673**, and if you desaturate by 10%, it is **74.4540, 1.7482, 46.0828**.

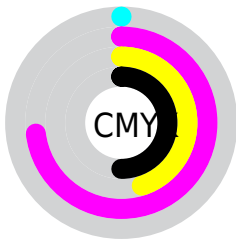
Distribution



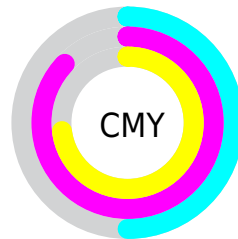
- Red (50%)
- Green (13%)
- Blue (27%)



- Red (50%)
- Yellow (13%)
- Blue (27%)



- Cyan (0%)
- Magenta (73%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9110, 2.0159, 53.5751 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 65.9110, 2.0159, 53.5751 by changing the saturation by 10% instead.

65.9110, 2.0159,
53.5751

65.9110, 2.0159,
53.5751

255.0000, 0.0000,
0.0000

35.3720, 6.2256,
56.6788

118.6510, -0.3209,
56.4341

24.9050, 1.0328,
42.1793

145.5480, -0.7632,
58.2784

15.4770, -6.6442,
31.1537

173.3310, -1.6422,
60.2227

0.0000, 0.0000,
0.0000

196.1450, 0.4215,
51.6158

215.7730, 4.5489,
34.4021

236.1020, 8.8237,

16.5735

253.2390, 0.8682,
1.5444

65.9110, 2.0159,
53.5751

65.9110, 2.0159,
53.5751

57.3680, 2.2836,
61.0673

74.4540, 1.7482,
46.0828

49.4120, 2.2619,
68.0447

82.4100, 1.7699,
39.1054

43.5590, 2.6824,
73.1778

90.8390, 1.0654,
31.7132

99.3820, 0.7977,
24.2210

107.9250, 0.5300,
16.7288

■ 115.8810, 0.5517,
9.7514

■ 124.3100, -0.1528,
2.3591

■ 132.8530, -0.4205,
-5.1331

■ 140.8090, -0.3988,
-12.1105

Harmonies

Analogous

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



70.3460, 15.6054, 34.7766



65.9110, 2.0159, 53.5751



65.7740, -13.6926, 51.9412

Triad

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



65.9110, 2.0159, 53.5751



61.2630, -29.2167, -9.0007



62.1390, 32.4695, -54.4959

Complementary

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



65.9110, 2.0159, 53.5751



95.0890, -2.0159, -53.5751

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.



61.6370, 20.3920, -54.0556



65.9110, 2.0159, 53.5751



52.8250, -8.2947, -46.3275

Square

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



65.9110, 2.0159, 53.5751



65.6190, -32.3502, 16.1201



57.8750, 5.9776, -50.7564



58.9420, 37.9896, -51.6921

Rectangle

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



65.9110, 2.0159, 53.5751



66.6730, -23.9958, 43.2598



57.8750, 5.9776, -50.7564



62.5150, 28.8331, -54.8257

Sweetspot

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



65.9110, 2.0159, 53.5751



141.6590, 0.6611, 21.3471



61.3460, 32.3674, 25.1296



69.6040, 0.6882, 12.6253



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



65.9110, 2.0159, 53.5751



70.0380, 2.9393, 84.1587



67.0900, -16.3134, 52.5411



59.4350, 0.2785, 4.0035



43.8580, 2.5350, 73.7925



0.0000, 0.0000, 0.0000

Inverse Universe

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



65.9110, 2.0159, 53.5751



70.0380, 2.9393, 84.1587



93.9100, 16.3134, -52.5411



59.4350, 0.2785, 4.0035



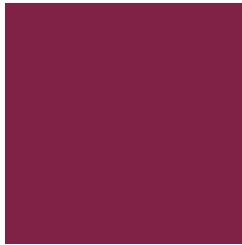
43.8580, 2.5350, 73.7925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 65.9110, 2.0159, 53.5751 looks on a white background.

Color Contrast Check

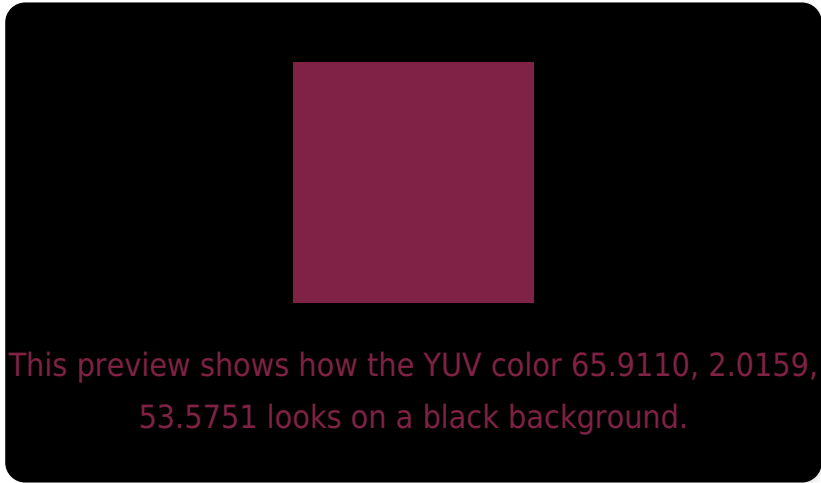
Large Text (above 18pt) WCAG AA ✓ Pass

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

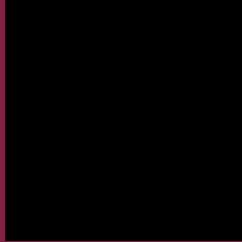
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9110, 2.0159, 53.5751

Background



This preview shows how black text looks on a background with the YUV color 65.9110, 2.0159, 53.5751.



This preview shows how white text looks on a background with the YUV color 65.9110, 2.0159,

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

65.9110, 2.0159, 53.5751

Protanopia

71.3120, 10.1992, -4.6586

Deuteranopia

71.8330, -3.3687, 7.1625



Tritanopia

66.3440, -11.5086, 51.4413

Trichromacy



Original Color

65.9110, 2.0159, 53.5751

Protanomaly

69.3470, 7.2239, 16.3587

Deuteranomaly

69.5130, -1.2389, 24.1061

Tritanomaly

66.0220, -6.4198, 52.6007

Monochromacy



Original Color

65.9110, 2.0159, 53.5751

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.6480, 0.6665, 19.6027

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9110, 2.0159, 53.5751 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(127, 34, 70)` looks like.

```
.text, #text, p{  
    color:rgb(127, 34, 70)  
}
```

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(127, 34, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 34, 70) }
```

Border

The CSS property to change the border of an element to YUV 65.9110, 2.0159, 53.5751 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(127, 34, 70) }
```


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

```
.border{ border-color:rgb(127, 34, 70) }
```

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

Here you see how a box with a 4 pixel rgb(127, 34, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 34, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 34, 70);  
box-shadow:4px 4px 4px 4px rgb(127, 34,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 65.9110, 2.0159, 53.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 34, 70) }
```

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

```
.background{ background-color: rgb(127, 34,  
70) }
```

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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