

Converting Colors

YUV(65.9670, 6.9183, 21.0769)

Have a look what the booklet for
YUV(65.9670, 6.9183, 21.0769)
contains.

YUV(65.9670, 6.9183, 21.0769)	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(65.9670, 6.9183,
21.0769)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3350
RGB	90, 51, 80
RGB Percent	35%, 20%, 31%
CMY	0.6471, 0.8000, 0.6863
CMYK	0.00, 0.43, 0.11, 0.65
HSL	315°, 28%, 28%
HSV	315°, 43%, 35%
XYZ	6.8482, 5.1205, 8.2168
YIQ	65.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

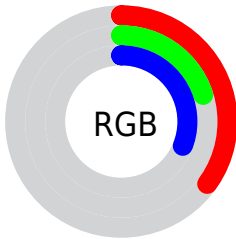
Format	Color
R_{YB}	90, 51, 80
Decimal	5911376
CIE _{Lab}	27.08, 22.39, -10.25
CIE _{LCh}	27, 24.623, 335.402
Yxy	5.1205, 0.3393, 0.2537
Android (android.graphics.Color)	4284101456 (0xFF5A3350)
YUV	65.9670, 6.9183, 21.0769
Hunter-Lab	22.6285, 14.4209, -5.6893

Details

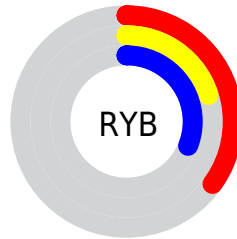
The YUV color **65.9670, 6.9183, 21.0769** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75.0330, -6.9183, -21.0769**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3910, 7.2022, 23.3361**, and **20.9560, 6.9237, 19.3326** is the 20% darker color. If you saturate the color by 10%, you get **60.4560, 8.6492, 25.9101**, and if you desaturate by 10%, it is **71.4780, 5.1873, 16.2438**.

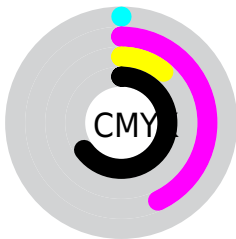
Distribution



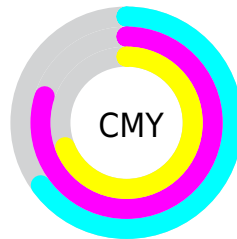
- Red (35%)
- Green (20%)
- Blue (31%)



- Red (35%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (43%)
- Yellow (11%)
- Black (65%)



- Cyan (65%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9670, 6.9183, 21.0769 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 65.9670, 6.9183, 21.0769 by changing the saturation by 10% instead.

65.9670, 6.9183,
21.0769

65.9670, 6.9183,
21.0769

255.0000, 0.0000,
0.0000

43.2550, 6.7763,
19.9474

114.3910, 7.2022,
23.3361

20.9560, 6.9237,
19.3326

140.6900, 7.0548,
23.9509

6.8640, 3.0250,
9.7663

167.1030, 7.3442,
24.4657

0.0000, 0.0000,
0.0000

194.5160, 7.6336,
24.9805

222.2280, 7.7756,
26.1100

241.4990, 6.6560,

11.8404

■ 65.9670, 6.9183,
21.0769

■ 65.9670, 6.9183,
21.0769

■ 60.4560, 8.6492,
25.9101

■ 71.4780, 5.1873,
16.2438

■ 54.8310, 9.9433,
30.8432

■ 77.1030, 3.8932,
11.3107

■ 49.3200, 11.6742,
35.6764

■ 82.6140, 2.1623,
6.4775

■ 43.8090, 13.4052,
40.5095

■ 88.1250, 0.4314,
1.6444

■ 38.1840, 14.6993,
45.4426

■ 93.7500, -0.8628,
-3.2887

■ 34.5480, 15.9988,
48.6314

■ 99.2610, -2.5937,
-8.1219

■ 104.7720, -4.3246,
-12.9550

■ 110.2830, -6.0555,
-17.7882

■ 115.9080, -7.3496,
-22.7213

Harmonies

Analogous

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



65.8060, 14.3926, 3.6781



65.9670, 6.9183, 21.0769



64.7310, -1.8394, 30.0539

Triad

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



65.9670, 6.9183, 21.0769



61.9460, -18.2144, 8.8174



52.5410, 16.0023, -46.0785

Complementary

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



65.9670, 6.9183, 21.0769



75.0330, -6.9183, -21.0769

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.



51.0760, 7.8505, -44.7937



65.9670, 6.9183, 21.0769



59.6990, -13.6556, -6.7520

Square

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



65.9670, 6.9183, 21.0769



63.1910, -16.3632, 21.7575



55.8090, -3.8498, -25.2655



52.2620, 22.5488, -45.8338

Rectangle

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



65.9670, 6.9183, 21.0769



63.9500, -7.3703, 30.7389



55.8090, -3.8498, -25.2655



51.9710, 13.8183, -45.5786

Sweetspot

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



65.9670, 6.9183, 21.0769



107.7390, 2.5937, 8.1219



58.4360, 15.5611, 2.2486



52.7880, 1.5835, 5.4479



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



65.9670, 6.9183, 21.0769



79.4830, 11.1009, 32.9024



63.8010, -1.3809, 22.9765



42.9510, 1.0102, 2.6740



42.2380, 19.6027, 59.4273



90.9270, 41.9410, 128.1060

Inverse Universe

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



65.9670, 6.9183, 21.0769



79.4830, 11.1009, 32.9024



77.1990, 1.3809, -22.9765



42.9510, 1.0102, 2.6740



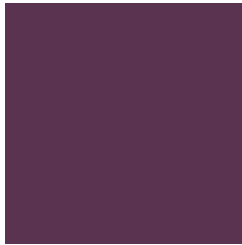
42.2380, 19.6027, 59.4273



90.9270, 41.9410, 128.1060

Previews

White Background



This preview shows how the YUV color 65.9670, 6.9183, 21.0769 looks on a white background.

Color Contrast Check

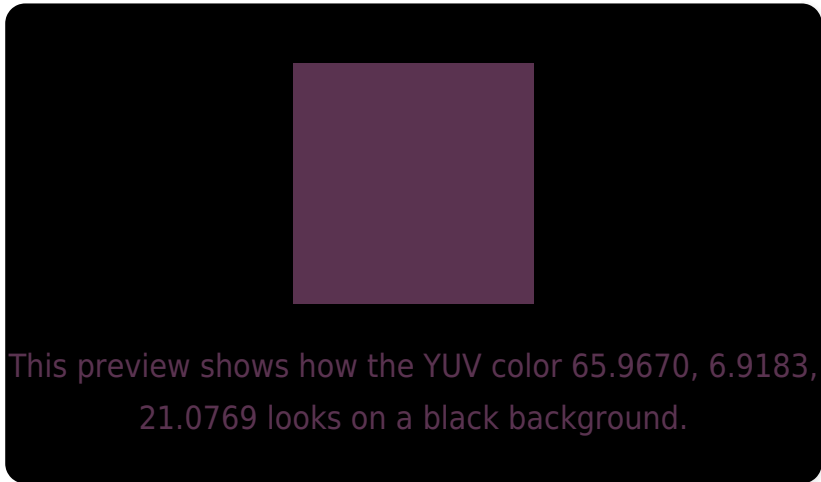
Large Text (above 18pt) WCAG AA ✓ Pass

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

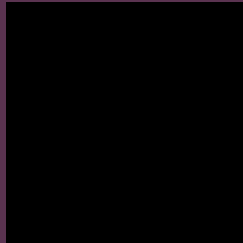
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9670, 6.9183, 21.0769

Background



This preview shows how black text looks on a background with the YUV color 65.9670, 6.9183, 21.0769.



This preview shows how white text looks on a background with the YUV color 65.9670, 6.9183,

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

65.9670, 6.9183, 21.0769

Protanopia

64.7570, 11.9518, -6.8029

Deuteranopia

65.0090, 6.4046, -0.8849



Tritanopia

65.3230, -3.1172, 19.8877

Trichromacy



Original Color

65.9670, 6.9183, 21.0769

Protanomaly

65.0680, 10.3195, 3.4484

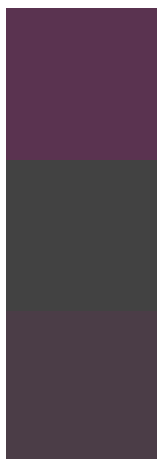
Deuteranomaly

65.4660, 6.6723, 6.6073

Tritanomaly

65.9470, 0.5191, 20.2175

Monochromacy



Original Color

65.9670, 6.9183, 21.0769

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.3260, 2.3043, 7.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9670, 6.9183, 21.0769 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(90, 51, 80)` looks like.

```
.text, #text, p{  
    color:rgb(90, 51, 80)  
}
```

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(90, 51, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 51, 80) }
```

Border

The CSS property to change the border of an element to YUV 65.9670, 6.9183, 21.0769 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(90, 51, 80) }
```


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

```
.border{ border-color:rgb(90, 51, 80) }
```

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

Here you see how a box with a 4 pixel rgb(90, 51, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 51, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 51, 80);  
box-shadow:4px 4px 4px 4px rgb(90, 51, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.9670, 6.9183, 21.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 51, 80) }
```

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

```
.background{ background-color: rgb(90, 51,  
80) }
```

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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