

Converting Colors

YUV(65.7750, 11.4499, 14.2293)

Have a look what the booklet for
YUV(65.7750, 11.4499, 14.2293)
contains.

YUV(65.7750, 11.4499, 14.2293)	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(65.7750, 11.4499,
14.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	523559
RGB	82, 53, 89
RGB Percent	32%, 21%, 35%
CMY	0.6784, 0.7922, 0.6510
CMYK	0.08, 0.40, 0.00, 0.65
HSL	288°, 25%, 28%
HSV	288°, 40%, 35%
XYZ	6.5560, 5.0613, 10.0826
YIQ	65.7750, 5.7280, 17.3440

Conversions

Conversions Part 2

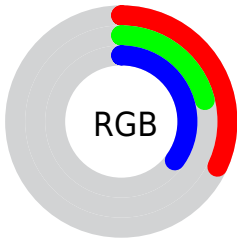
Format	Color
R_{YB}	82, 53, 89
Decimal	5387609
CIE Lab	26.91, 20.10, -16.50
CIE LCh	27, 26.009, 320.617
Yxy	5.0613, 0.3021, 0.2332
Android (android.graphics.Color)	4283577689 (0xFF523559)
YUV	65.7750, 11.4499, 14.2293
Hunter-Lab	22.4974, 12.6463, -10.8237

Details

The YUV color **65.7750, 11.4499, 14.2293** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.2250, -11.4499, -14.2293**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0140, 12.3181, 15.7737**, and **21.5360, 10.5818, 12.6849** is the 20% darker color. If you saturate the color by 10%, you get **59.8940, 14.3493, 17.6330**, and if you desaturate by 10%, it is **71.6560, 8.5506, 10.8257**.

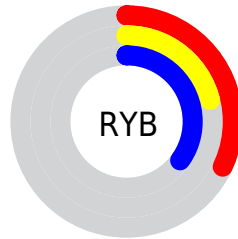
Distribution



 Red (32%)

 Green (21%)

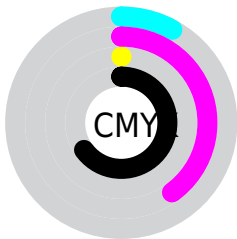
 Blue (35%)



 Red (32%)

 Yellow (21%)

 Blue (35%)

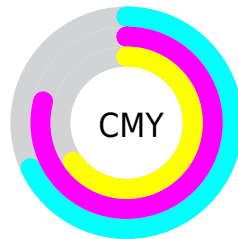


 Cyan (8%)


 Magenta (40%)

 Yellow (0%)

 Black (65%)



 Cyan (68%)

 Magenta (79%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7750, 11.4499, 14.2293 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 65.7750, 11.4499, 14.2293 by changing the saturation by 10% instead.

■ 65.7750, 11.4499,
14.2293

■ 65.7750, 11.4499,
14.2293

■ 255.0000, 0.0000,
0.0000

■ 42.9490, 10.8711,
13.1997

■ 114.0140, 12.3181,
15.7737

■ 21.5360, 10.5818,
12.6849

■ 139.5410, 13.0443,
16.1885

■ 4.1170, 9.3093,
0.7744

■ 166.2530, 13.1863,
17.3181

■ 0.0000, 0.0000,
0.0000

■ 193.3670, 13.6231,
17.2181

■ 221.6660, 13.4757,
17.8329

■ 242.6730, 6.0772,

10.8108

■ 65.7750, 11.4499,
14.2293

■ 65.7750, 11.4499,
14.2293

■ 59.8940, 14.3493,
17.6330

■ 71.6560, 8.5506,
10.8257

■ 54.3120, 17.1012,
21.6514

■ 77.2380, 5.7987,
6.8073

■ 48.4310, 20.0005,
25.0550

■ 83.1190, 2.8993,
3.4036

■ 42.5500, 22.8999,
28.4587

■ 89.0000, 0.0000,
0.0000

■ 37.2560, 25.5098,
31.3475

■ 94.8810, -2.8993,
-3.4036

■ 31.6740, 28.2617,
35.3659

■ 99.8760, -5.3619,
-6.9073

■ 105.7570, -8.2612,
-10.3109

■ 111.6380,
-11.1605, -13.7145

■ 117.5190,
-14.0599, -17.1182

Harmonies

Analogous

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



63.7660, 18.3564, -7.6878



65.7750, 11.4499, 14.2293



64.6860, 3.1128, 28.3394

Triad

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



65.7750, 11.4499, 14.2293



62.0610, -19.2571, 16.6095



52.2160, 12.2185, -45.7934

Complementary

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



65.7750, 11.4499, 14.2293



76.2250, -11.4499, -14.2293

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.



49.2350, 3.3351, -43.1791



65.7750, 11.4499, 14.2293



60.7170, -17.6085, 1.1252

Square

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



65.7750, 11.4499, 14.2293



63.0930, -14.3428, 27.1054



57.2570, -9.9867, -16.8884



52.9800, 20.2229, -46.4635

Rectangle

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



65.7750, 11.4499, 14.2293



64.2860, -3.5920, 32.1982



57.2570, -9.9867, -16.8884



51.4180, 9.1609, -45.0936

Sweetspot

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



65.7750, 11.4499, 14.2293



105.8850, 4.4937, 5.3629



61.2130, 13.6990, -7.2028



53.1190, 2.8993, 3.4036



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.



65.7750, 11.4499, 14.2293



78.8390, 17.8274, 22.0662



66.6140, 5.6133, 19.6325



40.6520, 1.1576, 2.0592



37.9120, 34.0604, 42.1732



83.3010, 74.7876, 92.6980

Inverse Universe

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



64.5620, -2.2491, 21.4321



76.8840, -3.8868, 33.4277



75.3860, -5.6133, -19.6325



40.3100, -0.1528, 2.3591



34.3870, -6.5998, 63.6816



75.5090, -14.5479, 139.8736

Previews

White Background



This preview shows how the YUV color 65.7750, 11.4499, 14.2293 looks on a white background.

Color Contrast Check

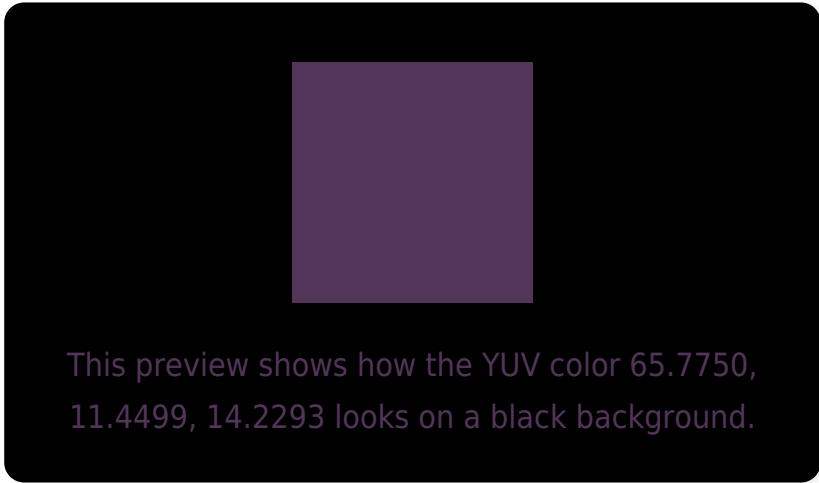
Large Text (above 18pt) WCAG AA ✓ Pass

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

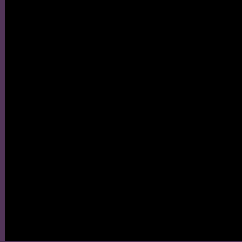
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.7750, 11.4499, 14.2293

Background



This preview shows how black text looks on a background with the YUV color 65.7750, 11.4499, 14.2293.

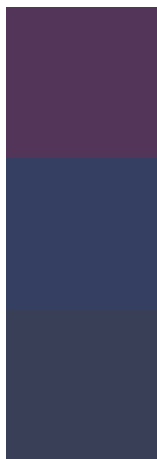


This preview shows how white text looks on a background with the YUV color 65.7750, 11.4499,

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

65.7750, 11.4499, 14.2293

Protanopia

63.5870, 16.4726, -10.1618

Deuteranopia

63.9420, 11.3676, -6.0881



Tritanopia

65.1370, -1.0535, 11.2809

Trichromacy



Original Color

65.7750, 11.4499, 14.2293

Protanomaly

64.1860, 14.6983, -1.0401

Deuteranomaly

64.3990, 11.6353, 1.4041

Tritanomaly

65.2880, 3.3090, 12.0254

Monochromacy



Original Color

65.7750, 11.4499, 14.2293

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7710, 4.0569, 5.4628

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7750, 11.4499, 14.2293 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(82, 53, 89)` looks like.

```
.text, #text, p{  
    color:rgb(82, 53, 89)  
}
```

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(82, 53, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 53, 89) }
```

Border

The CSS property to change the border of an element to YUV 65.7750, 11.4499, 14.2293 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(82, 53, 89) }
```


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

```
.border{ border-color:rgb(82, 53, 89) }
```

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

Here you see how a box with a 4 pixel rgb(82, 53, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 53, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 53, 89);  
box-shadow:4px 4px 4px 4px rgb(82, 53, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.7750, 11.4499, 14.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 53, 89) }
```

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

```
.background{ background-color: rgb(82, 53,  
89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor