

Converting Colors

YUV(83.9750, 11.3513, -0.8551)

Have a look what the booklet for
YUV(83.9750, 11.3513, -0.8551)
contains.

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Color

**YUV(83.9750, 11.3513,
-0.8551)**

Conversions

Conversions Part 1

Format	Color
Hex	53506B
RGB	83, 80, 107
RGB Percent	33%, 31%, 42%
CMY	0.6745, 0.6863, 0.5804
CMYK	0.22, 0.25, 0.00, 0.58
HSL	247°, 14%, 37%
HSV	247°, 25%, 42%
XYZ	9.0898, 8.6379, 15.0981
YIQ	83.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

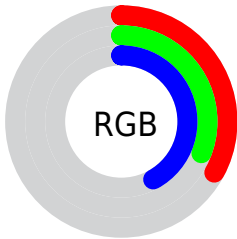
Format	Color
R_{YB}	83, 80, 107
Decimal	5460075
CIE Lab	35.28, 7.63, -15.11
CIE LCh	35, 16.925, 296.789
Yxy	8.6379, 0.2769, 0.2631
Android (android.graphics.Color)	4283650155 (0xFF53506B)
YUV	83.9750, 11.3513, -0.8551
Hunter-Lab	29.3902, 3.7734, -9.8848

Details

The YUV color **83.9750, 11.3513, -0.8551** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **103.0250, -11.3513, 0.8551**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5020, 12.0775, -0.4403**, and **39.0350, 10.3357, -1.7847** is the 20% darker color. If you saturate the color by 10%, you get **74.5280, 16.0087, -1.3401**, and if you desaturate by 10%, it is **93.4220, 6.6940, -0.3701**.

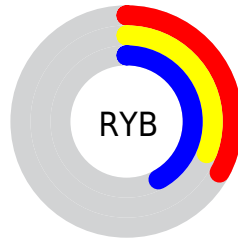
Distribution



Red (33%)

Green (31%)

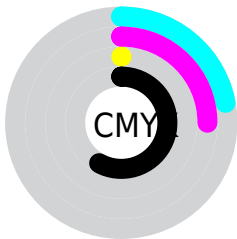
Blue (42%)



Red (33%)

Yellow (31%)

Blue (42%)

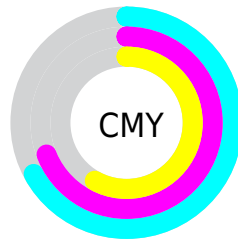


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (69%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9750, 11.3513, -0.8551 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 83.9750, 11.3513, -0.8551 by changing the saturation by 10% instead.

■ 83.9750, 11.3513,
-0.8551

■ 83.9750, 11.3513,
-0.8551

■ 255.0000, 0.0000,
0.0000

■ 60.8610, 10.9145,
-0.7551

■ 133.5020, 12.0775,
-0.4403

■ 39.0350, 10.3357,
-1.7847

■ 159.6160, 12.5143,
-0.5402

■ 17.6330, 10.0409,
-0.5551

■ 186.7300, 12.9511,
-0.6402

■ 2.4110, 6.6994,
-2.1144

■ 214.8440, 13.3879,
-0.7402

■ 0.0000, 0.0000,
0.0000

■ 241.4330, 6.6885,
1.3743

■ 83.9750, 11.3513,
-0.8551

■ 83.9750, 11.3513,
-0.8551

■ 74.5280, 16.0087,
-1.3401

■ 93.4220, 6.6940,
-0.3701

■ 65.9670, 20.2293,
-1.7251

■ 101.9830, 2.4734,
0.0149

■ 56.5200, 24.8866,
-2.2100

■ 111.4300, -2.1840,
0.4999

■ 47.3720, 29.3966,
-2.0802

■ 120.5780, -6.6940,
0.3701

■ 37.9250, 34.0540,
-2.5652

■ 130.0250,
-11.3513, 0.8551

■ 29.3640, 38.2745,
-2.9502

■ 138.5860,
-15.5719, 1.2401

■ 19.9170, 42.9319,
-3.4352

■ 148.0330,
-20.2293, 1.7251

■ 15.7860, 44.9685,

■ 157.1810,

-3.3203

-24.7392, 1.5953

■ 166.0410,
-29.1072, 2.5950

Harmonies

Analogous

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



81.5710, 14.0155, -15.4098



83.9750, 11.3513, -0.8551



85.3850, 6.2192, 11.9404

Triad

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



83.9750, 11.3513, -0.8551



83.5480, -11.1162, 18.8134



77.0140, 1.9651, -23.6913

Complementary

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



83.9750, 11.3513, -0.8551



103.0250, -11.3513, 0.8551

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.



79.1310, -5.4876, -13.2699



83.9750, 11.3513, -0.8551



82.6240, -13.1256, 9.9768

Square

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



83.9750, 11.3513, -0.8551



84.4220, -6.6170, 22.4319



81.1280, -10.9091, -0.9893



75.9190, 9.4069, -30.6240

Rectangle

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



83.9750, 11.3513, -0.8551



85.3920, 2.2717, 18.0732



81.1280, -10.9091, -0.9893



77.6400, -0.8085, -20.7323

Sweetspot

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



83.9750, 11.3513, -0.8551



130.5530, 4.6574, -0.4850



97.1660, 4.8482, -15.0546



65.0970, 2.9102, -0.0851



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



83.9750, 11.3513, -0.8551



104.2830, 17.6085, -1.1252



87.8620, 9.4350, 7.1370



48.9830, 2.4734, 0.0149



17.2250, 49.1891, -3.7053



36.0030, 103.0355, -7.8956

Inverse Universe

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



90.8090, 6.5032, 14.1995



114.8900, 10.4072, 22.0215



99.1380, -9.4350, -7.1370



50.3640, 1.2995, 3.1888



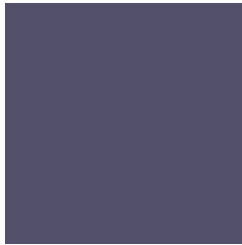
46.8390, 28.1804, 61.5312



98.1070, 59.1072, 128.8252

Previews

White Background



This preview shows how the YUV color 83.9750, 11.3513, -0.8551 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 83.9750, 11.3513, -0.8551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

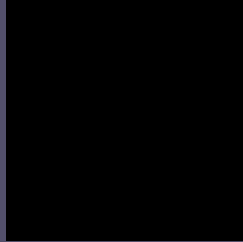
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9750, 11.3513, -0.8551

Background



This preview shows how black text looks on a background with the YUV color 83.9750, 11.3513, -0.8551.



This preview shows how white text looks on a background with the YUV color 83.9750, 11.3513, -0.8551.

-0.8551.

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

83.9750, 11.3513, -0.8551

Protanopia

83.1700, 12.2412, -6.2881

Deuteranopia

83.0670, 11.7990, -4.4438



Tritanopia

82.9010, 3.4998, -2.5442

Trichromacy



Original Color

83.9750, 11.3513, -0.8551

Protanomaly

83.4800, 12.0884, -3.9290

Deuteranomaly

83.6650, 11.5042, -3.2142

Tritanomaly

83.2970, 6.2626, -2.0145

Monochromacy



Original Color

83.9750, 11.3513, -0.8551

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.3250, 3.7838, -0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9750, 11.3513, -0.8551 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(83, 80, 107)` looks like.

```
.text, #text, p{  
    color:rgb(83, 80, 107)  
}
```

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(83, 80, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 80, 107) }
```

Border

The CSS property to change the border of an element to YUV 83.9750, 11.3513, -0.8551 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(83, 80, 107) }
```


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

```
.border{ border-color:rgb(83, 80, 107) }
```

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

Here you see how a box with a 4 pixel rgb(83, 80, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 80, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 80, 107);  
box-shadow:4px 4px 4px 4px rgb(83, 80,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 83.9750, 11.3513, -0.8551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 80, 107) }
```

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

```
.background{ background-color: rgb(83, 80,  
107) }
```

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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