

Converting Colors

YUV(85.8330, -9.7777, 56.2745)

Have a look what the booklet for
YUV(85.8330, -9.7777, 56.2745)
contains.

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Color

**YUV(85.8330, -9.7777,
56.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	963942
RGB	150, 57, 66
RGB Percent	59%, 22%, 26%
CMY	0.4118, 0.7765, 0.7412
CMYK	0.00, 0.62, 0.56, 0.41
HSL	354°, 45%, 41%
HSV	354°, 62%, 59%
XYZ	15.0242, 9.8036, 6.2547
YIQ	85.8330, 52.5390, 22.5150

Conversions

Conversions Part 2

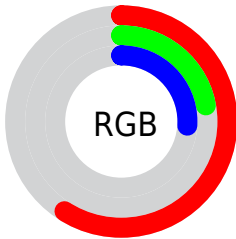
Format	Color
R_{YB}	150, 57, 66
Decimal	9845058
CIE Lab	37.49, 39.80, 15.05
CIE LCh	37, 42.547, 20.716
Yxy	9.8036, 0.4834, 0.3154
Android (android.graphics.Color)	4288035138 (0xFF963942)
YUV	85.8330, -9.7777, 56.2745
Hunter-Lab	31.3108, 30.8577, 10.0737

Details

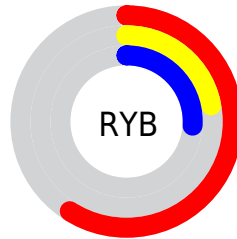
The YUV color **85.8330, -9.7777, 56.2745** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **121.1670, 9.7777, -56.2745**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5840, -12.1199, 60.8778**, and **30.8420, -3.3731, 55.3896** is the 20% darker color. If you saturate the color by 10%, you get **75.4320, -11.5520, 65.3961**, and if you desaturate by 10%, it is **96.2340, -8.0034, 47.1528**.

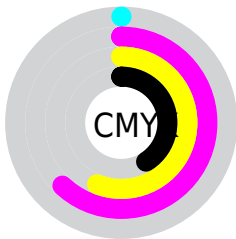
Distribution



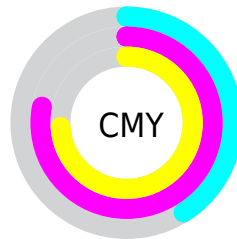
- Red (59%)
- Green (22%)
- Blue (26%)



- Red (59%)
- Yellow (22%)
- Blue (26%)



- Cyan (0%)
- Magenta (62%)
- Yellow (56%)
- Black (41%)





- Cyan (41%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.8330, -9.7777, 56.2745 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 85.8330, -9.7777, 56.2745 by changing the saturation by 10% instead.


 85.8330, -9.7777,
56.2745


 85.8330, -9.7777,
56.2745


255.0000, 0.0000,
0.0000


 59.6910, -7.7357,
54.6450


 138.5840,
-12.1199, 60.8778


 30.8420, -3.3731,
55.3896

 166.2530,
-13.4357, 62.9221


 20.0330, -9.8763,
41.1901

 190.2630,
-11.9617, 56.7743

 12.6720, -5.7543,
25.7207

 209.1900, -7.9817,
40.1754

 0.0000, 0.0000,
0.0000

 229.2910, -4.5805,
22.5468

 249.6200, -0.3057,

4.7183

■ 85.8330, -9.7777,
56.2745

■ 85.8330, -9.7777,
56.2745

■ 75.4320, -11.5520,
65.3961

■ 96.2340, -8.0034,
47.1528

■ 65.1450, -12.8895,
74.4178

■ 106.5210, -6.6659,
38.1311

■ 54.7440, -14.6638,
83.5395

■ 116.9220, -4.8915,
29.0094

■ 46.5600, -15.5591,
90.7169

■ 127.2090, -3.5540,
19.9877

■ 137.6100, -1.7797,
10.8660

■ 147.8970, -0.4422,
1.8443

■ 158.2980, 1.3321,
-7.2773

■ 168.5850, 2.6696,
-16.2990

■ 178.9860, 4.4439,
-25.4207

Harmonies

Analogous

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



88.2140, 5.8105, 49.8013



85.8330, -9.7777, 56.2745



85.7550, -25.0222, 45.8189

Triad

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



85.8330, -9.7777, 56.2745



75.1490, -16.3425, -31.7027



73.5490, 40.6483, -64.5025

Complementary

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



85.8330, -9.7777, 56.2745



121.1670, 9.7777, -56.2745

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.



75.9480, 32.0706, -66.6064



85.8330, -9.7777, 56.2745



69.7120, 3.1000, -61.1374

Square

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



85.8330, -9.7777, 56.2745



81.7050, -32.8856, 1.1357



73.8160, 18.8247, -64.7366



87.0820, 32.4976, -16.7349

Rectangle

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



85.8330, -9.7777, 56.2745



85.0280, -32.5518, 34.1784



73.8160, 18.8247, -64.7366



74.9680, 38.4698, -65.7469

Sweetspot

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



85.8330, -9.7777, 56.2745



168.5190, -3.7069, 22.3468



92.7180, 28.2400, 42.3433



81.8060, -2.3694, 13.3251



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



85.8330, -9.7777, 56.2745



94.6520, -15.1114, 87.1282



106.5260, -24.4163, 38.1267



69.0930, -1.0318, 4.3034



42.7440, -14.6638, 83.5395



3.1040, -1.0373, 6.0478

Inverse Universe

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



85.8330, -9.7777, 56.2745



94.6520, -15.1114, 87.1282



100.4740, 24.4163, -38.1267



69.0930, -1.0318, 4.3034



42.7440, -14.6638, 83.5395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 85.8330, -9.7777, 56.2745 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 85.8330, -9.7777, 56.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

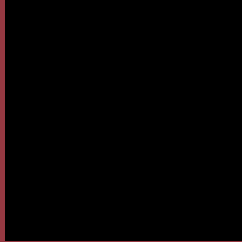
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8330, -9.7777, 56.2745

Background



This preview shows how black text looks on a background with the YUV color 85.8330, -9.7777, 56.2745.



This preview shows how white text looks on a background with the YUV color 85.8330, -9.7777,

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

85.8330, -9.7777, 56.2745

Protanopia

89.2840, -4.0840, 3.2589

Deuteranopia

88.6570, -13.1419, 15.2098



Tritanopia

85.8500, -12.2510, 56.2596

Trichromacy



Original Color

85.8330, -9.7777, 56.2745

Protanomaly

87.9490, -5.8909, 22.8467

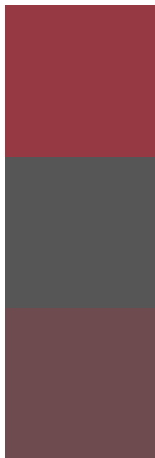
Deuteranomaly

87.6850, -12.1697, 30.0943

Tritanomaly

86.0780, -11.3775, 56.0596

Monochromacy



Original Color

85.8330, -9.7777, 56.2745

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6220, -3.2646, 20.5025

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8330, -9.7777, 56.2745 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(150, 57, 66)` looks like.

```
.text, #text, p{  
    color:rgb(150, 57, 66)  
}
```

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(150, 57, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 57, 66) }
```

Border

The CSS property to change the border of an element to YUV 85.8330, -9.7777, 56.2745 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(150, 57, 66) }
```


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

```
.border{ border-color:rgb(150, 57, 66) }
```

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

Here you see how a box with a 4 pixel rgb(150, 57, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 57, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 57, 66);  
box-shadow:4px 4px 4px 4px rgb(150, 57,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 85.8330, -9.7777, 56.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 57, 66) }
```

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

```
.background{ background-color: rgb(150, 57,  
66) }
```

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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