

Converting Colors

YUV(66.4350, 14.0825, 56.6235)

Have a look what the booklet for
YUV(66.4350, 14.0825, 56.6235)
contains.

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Color

**YUV(66.4350, 14.0825,
56.6235)**

Conversions

Conversions Part 1

Format	Color
Hex	831C5F
RGB	131, 28, 95
RGB Percent	51%, 11%, 37%
CMY	0.4863, 0.8902, 0.6275
CMYK	0.00, 0.79, 0.27, 0.49
HSL	321°, 65%, 31%
HSV	321°, 79%, 51%
XYZ	11.8409, 6.4820, 11.4535
YIQ	66.4350, 39.8810, 42.6730

Conversions

Conversions Part 2

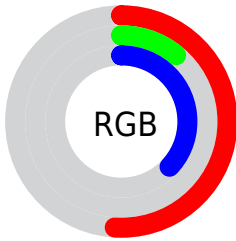
Format	Color
R_{YB}	131, 28, 95
Decimal	8592479
CIE _{Lab}	30.60, 48.87, -14.07
CIE _{LCh}	31, 50.854, 343.937
Yxy	6.4820, 0.3977, 0.2177
Android (android.graphics.Color)	4286782559 (0xFF831C5F)
YUV	66.4350, 14.0825, 56.6235
Hunter-Lab	25.4598, 38.4623, -8.8508

Details

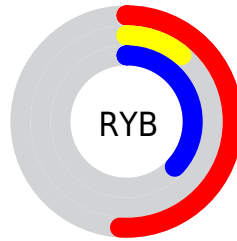
The YUV color **66.4350, 14.0825, 56.6235** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **92.5650, -14.0825, -56.6235**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8650, 11.8986, 57.1234**, and **28.6090, 10.0528, 42.4389** is the 20% darker color. If you saturate the color by 10%, you get **58.2340, 15.6606, 63.8158**, and if you desaturate by 10%, it is **74.6360, 12.5045, 49.4312**.

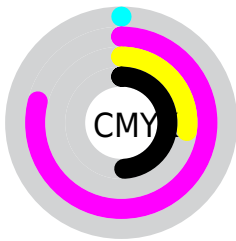
Distribution



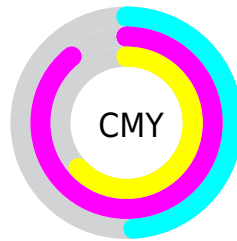
- Red (51%)
- Green (11%)
- Blue (37%)



- Red (51%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (79%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (89%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4350, 14.0825, 56.6235 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 66.4350, 14.0825, 56.6235 by changing the saturation by 10% instead.

66.4350, 14.0825,
56.6235

66.4350, 14.0825,
56.6235

255.0000, 0.0000,
0.0000

39.1900, 15.6823,
56.8384

121.8650, 11.8986,
57.1234

28.6090, 10.0528,
42.4389

148.7620, 11.4563,
58.9677

19.3380, 4.2704,
30.3986

176.6590, 11.0141,
60.8121

5.6810, -2.8007,
11.6808

199.0920, 14.2516,
49.0313

0.0000, 0.0000,
0.0000

218.6060, 17.9422,
31.9175

235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

66.4350, 14.0825,
56.6235

66.4350, 14.0825,
56.6235

58.2340, 15.6606,
63.8158

74.6360, 12.5045,
49.4312

50.1470, 17.6755,
70.9081

82.7230, 10.4896,
42.3389

48.8590, 17.8175,
72.0377

90.9240, 8.9115,
35.1467

99.0110, 6.8966,
28.0544

107.7990, 5.0291,
20.3473

■ 115.8860, 3.0142,
13.2550

■ 124.0870, 1.4361,
6.0627

■ 132.2880, -0.1420,
-1.1296

■ 140.3750, -2.1569,
-8.2219

Harmonies

Analogous

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



73.4610, 27.8737, 19.7667



66.4350, 14.0825, 56.6235



61.3430, -3.1271, 69.8592

Triad

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



66.4350, 14.0825, 56.6235



66.1400, -32.6070, 5.1392



66.1340, 30.0069, -57.9995

Complementary

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



66.4350, 14.0825, 56.6235



92.5650, -14.0825, -56.6235

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.



62.5030, 13.5560, -54.8151



66.4350, 14.0825, 56.6235



55.2170, -26.2360, -31.7623

Square

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



66.4350, 14.0825, 56.6235



68.0880, -33.5674, 33.2488



57.1280, -4.5001, -50.1013



65.7070, 41.0634, -57.6250

Rectangle

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



66.4350, 14.0825, 56.6235



64.6290, -17.0721, 62.5924



57.1280, -4.5001, -50.1013



65.4670, 24.9128, -57.4146

Sweetspot

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



66.4350, 14.0825, 56.6235



145.3370, 5.7499, 22.5065



49.9080, 39.9784, 10.6047



71.2990, 3.3036, 13.7698



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



66.4350, 14.0825, 56.6235



70.1090, 22.1313, 88.4814



60.7350, -7.7574, 61.6224



62.2500, 0.8628, 3.2888



48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444

Inverse Universe

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



66.4350, 14.0825, 56.6235



70.1090, 22.1313, 88.4814



98.2650, 7.7574, -61.6224



62.2500, 0.8628, 3.2888



48.5600, 17.9649, 71.4229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 66.4350, 14.0825, 56.6235 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 66.4350, 14.0825, 56.6235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

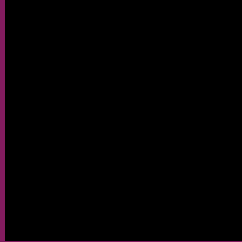
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4350, 14.0825, 56.6235

Background



This preview shows how black text looks on a background with the YUV color 66.4350, 14.0825, 56.6235.



This preview shows how white text looks on a background with the YUV color 66.4350, 14.0825,

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

66.4350, 14.0825, 56.6235

Protanopia

71.5070, 27.8510, -19.7386

Deuteranopia

74.2370, 7.2782, -1.0848



Tritanopia

69.1590, -10.9244, 50.7266

Trichromacy



Original Color

66.4350, 14.0825, 56.6235

Protanomaly

69.7170, 22.8175, 8.1412

Deuteranomaly

71.3520, 9.6865, 19.8623

Tritanomaly

67.8740, -1.9099, 52.7305

Monochromacy



Original Color

66.4350, 14.0825, 56.6235

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2120, 5.3185, 20.8621

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4350, 14.0825, 56.6235 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(131, 28, 95)` looks like.

```
.text, #text, p{  
    color:rgb(131, 28, 95)  
}
```

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(131, 28, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 28, 95) }
```

Border

The CSS property to change the border of an element to YUV 66.4350, 14.0825, 56.6235 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(131, 28, 95) }
```


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

```
.border{ border-color:rgb(131, 28, 95) }
```

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

Here you see how a box with a 4 pixel rgb(131, 28, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 28, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 28, 95);  
box-shadow:4px 4px 4px 4px rgb(131, 28,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 66.4350, 14.0825, 56.6235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 28, 95) }
```

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

```
.background{ background-color: rgb(131, 28,  
95) }
```

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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