

Converting Colors

YUV(67.1510, 38.3796, 56.8726)

Have a look what the booklet for
YUV(67.1510, 38.3796, 56.8726)
contains.

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Color

**YUV(67.1510, 38.3796,
56.8726)**

Conversions

Conversions Part 1

Format	Color
Hex	841391
RGB	132, 19, 145
RGB Percent	52%, 7%, 57%
CMY	0.4824, 0.9255, 0.4314
CMYK	0.09, 0.87, 0.00, 0.43
HSL	294°, 77%, 32%
HSV	294°, 87%, 57%
XYZ	14.8594, 7.4156, 27.4362
YIQ	67.1510, 26.9020, 63.1420

Conversions

Conversions Part 2

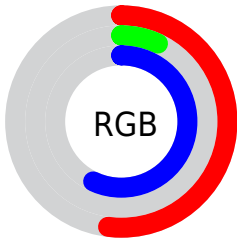
Format	Color
R _Y B	132, 19, 145
Decimal	8655761
CIE _{Lab}	32.73, 59.29, -42.30
CIE _{LCh}	33, 72.832, 324.496
Y _{xy}	7.4156, 0.2989, 0.1492
Android (android.graphics.Color)	4286845841 (0xFF841391)
Y _{UV}	67.1510, 38.3796, 56.8726
Hunter-Lab	27.2316, 49.7464, -40.6734

Details

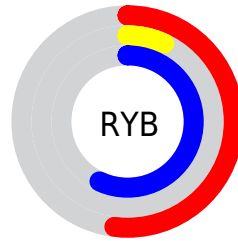
The YUV color **67.1510, 38.3796, 56.8726** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **96.8490, -38.3796, -56.8726**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5590, 36.2064, 53.8838**, and **34.0380, 29.5613, 38.5547** is the 20% darker color. If you saturate the color by 10%, you get **58.6340, 42.5784, 63.4650**, and if you desaturate by 10%, it is **76.2550, 33.8913, 49.7654**.

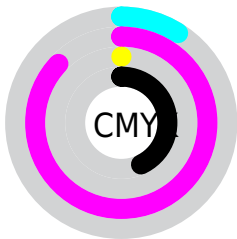
Distribution



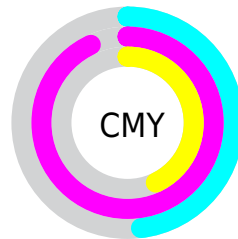
- Red (52%)
- Green (7%)
- Blue (57%)



- Red (52%)
- Yellow (7%)
- Blue (57%)



- Cyan (9%)
- Magenta (87%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (93%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1510, 38.3796, 56.8726 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 67.1510, 38.3796, 56.8726 by changing the saturation by 10% instead.

67.1510, 38.3796,
56.8726

67.1510, 38.3796,
56.8726

255.0000, 0.0000,
0.0000

44.9610, 36.5012,
52.6542

126.5590, 36.2064,
53.8838

34.0380, 29.5613,
38.5547

155.1570, 35.9116,
55.1133

23.4140, 22.4739,
25.0699

182.7550, 35.6168,
56.3429

12.4200, 16.5549,
10.1557

201.5830, 26.3346,
46.8467

3.3230, 10.1938,
-2.9143

218.0190, 18.2316,
32.4323

0.0000, 0.0000,
0.0000

235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

67.1510, 38.3796,
56.8726

67.1510, 38.3796,
56.8726

58.6340, 42.5784,
63.4650

76.2550, 33.8913,
49.7654

55.4000, 44.1728,
65.4242

85.0710, 29.5450,
43.7877

94.1750, 25.0567,
36.6805

102.9910, 20.7104,
30.7029

112.0950, 16.2222,
23.5957

■ 120.9110, 11.8759,
17.6181

■ 130.0150, 7.3876,
10.5108

■ 138.8310, 3.0413,
4.5332

■ 147.9350, -1.4470,
-2.5740

Harmonies

Analogous

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



60.3050, 60.9816, -52.8875



67.1510, 38.3796, 56.8726



60.4920, 14.5474, 94.2845

Triad

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



67.1510, 38.3796, 56.8726



72.7730, -35.8771, 27.3861



72.2490, 25.5132, -63.3624

Complementary

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



67.1510, 38.3796, 56.8726



96.8490, -38.3796, -56.8726

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.



64.8220, -0.4052, -56.8489



67.1510, 38.3796, 56.8726



65.4210, -32.2526, -15.2782

Square

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



67.1510, 38.3796, 56.8726



66.2480, -32.6603, 69.0655



55.7650, -27.4921, -48.9059



77.1340, 46.7689, -67.6465

Rectangle

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



67.1510, 38.3796, 56.8726



57.4700, -2.2037, 100.4428



55.7650, -27.4921, -48.9059



70.0830, 17.2141, -61.4628

Sweetspot

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



67.1510, 38.3796, 56.8726



158.7420, 14.9172, 22.1513



42.1690, 50.6957, -20.3192



76.0800, 8.8346, 13.0848



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



67.1510, 38.3796, 56.8726



72.0770, 57.6430, 85.0015



65.5660, 15.4970, 69.6636



66.8910, 2.0257, 3.6036



51.5690, 41.1315, 60.8910



3.0050, 2.4625, 3.5036

Inverse Universe

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



58.1560, -12.8949, 76.1622



58.6770, -19.5608, 114.2933



98.4340, -15.4970, -69.6636



66.2070, -0.5951, 4.2035



41.9610, -13.7848, 81.5952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 67.1510, 38.3796, 56.8726 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 67.1510, 38.3796, 56.8726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

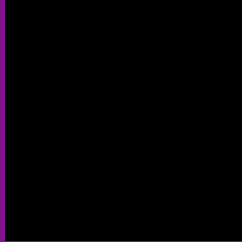
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1510, 38.3796, 56.8726

Background



This preview shows how black text looks on a background with the YUV color 67.1510, 38.3796, 56.8726.



This preview shows how white text looks on a background with the YUV color 67.1510, 38.3796,

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

67.1510, 38.3796, 56.8726

Protanopia

62.9660, 48.3308, -55.2212

Deuteranopia

72.1460, 31.9730, -35.2080



Tritanopia

78.2930, -7.5394, 38.3310

Trichromacy



Original Color

67.1510, 38.3796, 56.8726



Protanomaly

64.3070, 44.7116, -14.3012



Deuteranomaly

70.3380, 34.3434, -2.0504



Tritanomaly

74.1040, 9.3157, 45.5128

Monochromacy



Original Color

67.1510, 38.3796, 56.8726



Achromatopsia

67.0000, 0.0000, 0.0000



Achromatomaly

67.3890, 13.6122, 20.7068

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1510, 38.3796, 56.8726 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(132, 19, 145)` looks like.

```
.text, #text, p{  
    color:rgb(132, 19, 145)  
}
```

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(132, 19, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 19, 145) }
```

Border

The CSS property to change the border of an element to YUV 67.1510, 38.3796, 56.8726 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(132, 19, 145) }
```


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

```
.border{ border-color:rgb(132, 19, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 19, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 19, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 19, 145); box-shadow:4px 4px 4px 4px rgb(132, 19, 145) }
```

Background

The CSS property to change the background color of an element to YUV 67.1510, 38.3796, 56.8726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 19, 145) }
```

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

```
.background{ background-color: rgb(132, 19,  
145) }
```

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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