

Converting Colors

YUV(65.7820, 38.0685, 63.3352)

Have a look what the booklet for
YUV(65.7820, 38.0685, 63.3352)
contains.

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Color

**YUV(65.7820, 38.0685,
63.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0E8F
RGB	138, 14, 143
RGB Percent	54%, 5%, 56%
CMY	0.4588, 0.9451, 0.4392
CMYK	0.03, 0.90, 0.00, 0.44
HSL	298°, 82%, 31%
HSV	298°, 90%, 56%
XYZ	15.5962, 7.7005, 26.6509
YIQ	65.7820, 32.4950, 66.4070

Conversions

Conversions Part 2

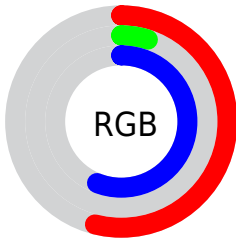
Format	Color
R _Y B	138, 14, 143
Decimal	9047695
CIE Lab	33.35, 61.01, -40.02
CIE LCh	33, 72.967, 326.740
Yxy	7.7005, 0.3123, 0.1542
Android (android.graphics.Color)	4287237775 (0xFF8A0E8F)
YUV	65.7820, 38.0685, 63.3352
Hunter-Lab	27.7498, 51.7600, -37.5173

Details

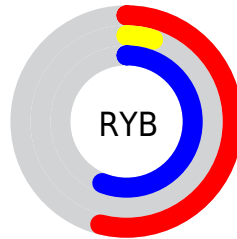
The YUV color **65.7820, 38.0685, 63.3352** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **91.2180, -38.0685, -63.3352**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7230, 34.1536, 59.0019**, and **35.3050, 27.9506, 41.8285** is the 20% darker color. If you saturate the color by 10%, you get **57.2650, 42.2674, 69.9276**, and if you desaturate by 10%, it is **74.2990, 33.8696, 56.7428**.

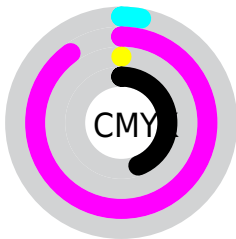
Distribution



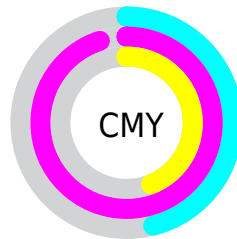
- Red (54%)
- Green (5%)
- Blue (56%)



- Red (54%)
- Yellow (5%)
- Blue (56%)



- Cyan (3%)
- Magenta (90%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.7820, 38.0685, 63.3352 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 65.7820, 38.0685, 63.3352 by changing the saturation by 10% instead.

65.7820, 38.0685,
63.3352

65.7820, 38.0685,
63.3352

255.0000, 0.0000,
0.0000

46.2280, 34.8906,
55.9280

127.7230, 34.1536,
59.0019

35.3050, 27.9506,
41.8285

156.1360, 34.4430,
59.5167

25.0940, 21.1527,
28.8586

184.8480, 34.5849,
60.6463

14.3990, 15.0863,
14.5591

201.5830, 26.3346,
46.8467

3.2090, 9.7570,
-2.8143

218.0190, 18.2316,
32.4323

0.0000, 0.0000,
0.0000

235.0420, 9.8393,

17.5032

252.0650, 1.4470,
2.5740

65.7820, 38.0685,
63.3352

65.7820, 38.0685,
63.3352

57.2650, 42.2674,
69.9276

74.2990, 33.8696,
56.7428

83.1040, 29.5287,
49.0208

91.6210, 25.3298,
42.4284

99.8390, 21.2784,
35.2212

108.9430, 16.7901,
28.1140

■ 117.1610, 12.7386,
20.9068

■ 125.6780, 8.5397,
14.3144

■ 133.8960, 4.4883,
7.1072

■ 143.0000, 0.0000,
0.0000

Harmonies

Analogous

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



69.8840, 56.2592, -31.4703



65.7820, 38.0685, 63.3352



61.0470, 12.7948, 96.4288

Triad

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



65.7820, 38.0685, 63.3352



73.9360, -36.4504, 24.6121



74.1070, 27.5552, -64.9918

Complementary

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



65.7820, 38.0685, 63.3352



91.2180, -38.0685, -63.3352

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.



66.6800, 1.6368, -58.4784



65.7820, 38.0685, 63.3352



65.9860, -32.5311, -19.2817

Square

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



65.7820, 38.0685, 63.3352



68.8840, -33.9598, 65.8767



56.9390, -28.0709, -49.9355



78.1770, 48.2267, -68.5612

Rectangle

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



65.7820, 38.0685, 63.3352



57.4270, -3.6615, 101.3575



56.9390, -28.0709, -49.9355



71.8270, 18.8193, -62.9923

Sweetspot

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



65.7820, 38.0685, 63.3352



156.0520, 14.7644, 24.5104



32.2280, 54.6106, -15.9860



76.0910, 8.8291, 14.8292



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.



65.7820, 38.0685, 63.3352



74.7250, 54.8586, 91.4492



60.6650, 11.9972, 72.2078



66.8910, 2.0257, 3.6036



54.2600, 39.8048, 66.4240



3.0050, 2.4625, 3.5036

Inverse Universe

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



53.1410, -16.8315, 78.8063



56.4120, -24.3601, 113.6487



96.3350, -11.9972, -72.2078



66.2070, -0.5951, 4.2035



40.9350, -17.7160, 82.4950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 65.7820, 38.0685, 63.3352 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

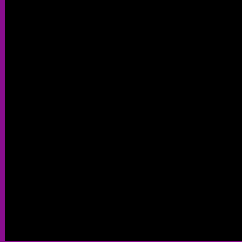
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.7820, 38.0685, 63.3352

Background



This preview shows how black text looks on a background with the YUV color 65.7820, 38.0685, 63.3352.



This preview shows how white text looks on a background with the YUV color 65.7820, 38.0685,

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

65.7820, 38.0685, 63.3352

Protanopia

64.4820, 49.0624, -56.5507

Deuteranopia

75.7940, 29.1886, -28.7603



Tritanopia

78.9840, -8.8661, 43.8640

Trichromacy



Original Color

65.7820, 38.0685, 63.3352



Protanomaly

65.0190, 44.8536, -13.1717



Deuteranomaly

72.5130, 32.2851, 4.8121



Tritanomaly

73.9090, 8.4259, 50.9458

Monochromacy



Original Color

65.7820, 38.0685, 63.3352



Achromatopsia

66.0000, 0.0000, 0.0000



Achromatomaly

65.8130, 13.8962, 22.9660

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.7820, 38.0685, 63.3352 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(138, 14, 143)` looks like.

```
.text, #text, p{  
    color:rgb(138, 14, 143)  
}
```

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(138, 14, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 14, 143) }
```

Border

The CSS property to change the border of an element to YUV 65.7820, 38.0685, 63.3352 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(138, 14, 143) }
```


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

```
.border{ border-color:rgb(138, 14, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 14, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 14, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 14, 143);  
box-shadow:4px 4px 4px 4px rgb(138, 14,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 65.7820, 38.0685, 63.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 14, 143) }
```

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

```
.background{ background-color: rgb(138, 14,  
143) }
```

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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