

Converting Colors

YUV(65.9990, 38.9475, 61.3909)

Have a look what the booklet for
YUV(65.9990, 38.9475, 61.3909)
contains.

YUV(65.9990, 38.9475, 61.3909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(65.9990, 38.9475,
61.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	880F91
RGB	136, 15, 145
RGB Percent	53%, 6%, 57%
CMY	0.4667, 0.9412, 0.4314
CMYK	0.06, 0.90, 0.00, 0.43
HSL	296°, 81%, 31%
HSV	296°, 90%, 57%
XYZ	15.4350, 7.6202, 27.4454
YIQ	65.9990, 30.3860, 66.0820

Conversions

Conversions Part 2

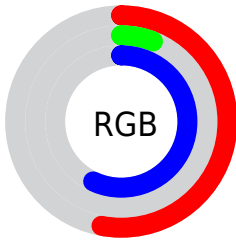
Format	Color
R_{YB}	136, 15, 145
Decimal	8916881
CIE _{Lab}	33.18, 60.81, -41.55
CIE _{LCh}	33, 73.647, 325.658
Yxy	7.6202, 0.3056, 0.1509
Android (android.graphics.Color)	4287106961 (0xFF880F91)
YUV	65.9990, 38.9475, 61.3909
Hunter-Lab	27.6047, 51.4987, -39.6244

Details

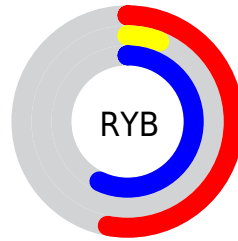
The YUV color **65.9990, 38.9475, 61.3909** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **94.0010, -38.9475, -61.3909**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4670, 35.7588, 57.4724**, and **34.9350, 29.1190, 40.3990** is the 20% darker color. If you saturate the color by 10%, you get **56.8950, 43.4358, 68.4981**, and if you desaturate by 10%, it is **74.5160, 34.7486, 54.7985**.

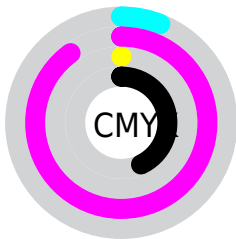
Distribution



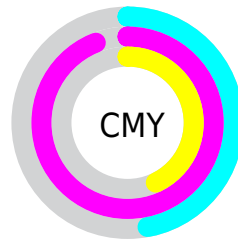
- Red (53%)
- Green (6%)
- Blue (57%)



- Red (53%)
- Yellow (6%)
- Blue (57%)



- Cyan (6%)
- Magenta (90%)
- Yellow (0%)
- Black (43%)



- Cyan (47%)
- Magenta (94%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9990, 38.9475, 61.3909 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 65.9990, 38.9475, 61.3909 by changing the saturation by 10% instead.

65.9990, 38.9475,
61.3909

65.9990, 38.9475,
61.3909

255.0000, 0.0000,
0.0000

45.8580, 36.0590,
54.4985

127.4670, 35.7588,
57.4724

34.9350, 29.1190,
40.3990

155.7660, 35.6114,
58.0872

24.6100, 21.8843,
27.5290

184.2500, 34.8798,
59.4168

13.9150, 15.8179,
13.2295

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

252.0650, 1.4470,
2.5740

65.9990, 38.9475,
61.3909

65.9990, 38.9475,
61.3909

56.8950, 43.4358,
68.4981

74.5160, 34.7486,
54.7985

83.6200, 30.2603,
47.6913

92.1370, 26.0615,
41.0989

101.2410, 21.5732,
33.9916

110.3450, 17.0849,
26.8844

■ 118.8620, 12.8860,
20.2920

■ 127.3790, 8.6872,
13.6996

■ 136.4830, 4.1989,
6.5924

■ 145.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



65.5020, 58.9125, -42.5363



65.9990, 38.9475, 61.3909



61.2750, 13.6684, 96.2288

Triad

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



65.9990, 38.9475, 61.3909



73.6480, -36.3085, 25.7417



73.8790, 26.6817, -64.7919

Complementary

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



65.9990, 38.9475, 61.3909



94.0010, -38.9475, -61.3909

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.



66.4520, 0.7632, -58.2784



65.9990, 38.9475, 61.3909



65.9970, -32.5365, -17.5374

Square

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



65.9990, 38.9475, 61.3909



68.0090, -33.5284, 67.5211



56.3520, -27.7815, -49.4207



78.0630, 47.7899, -68.4613

Rectangle

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



65.9990, 38.9475, 61.3909



57.8400, -3.3721, 101.8723



56.3520, -27.7815, -49.4207



71.0120, 18.2351, -62.2775

Sweetspot

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



65.9990, 38.9475, 61.3909



157.8670, 15.3486, 23.7956



36.2770, 53.6004, -18.6599



75.7920, 8.9765, 14.2144



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.



65.9990, 38.9475, 61.3909



74.1700, 56.6112, 89.3049



62.5340, 14.0337, 72.3227



66.8910, 2.0257, 3.6036



53.0640, 40.3944, 63.9649



3.0050, 2.4625, 3.5036

Inverse Universe

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



54.8960, -15.2317, 79.0212



57.9930, -22.1815, 114.8931



97.4660, -14.0337, -72.3227



66.2070, -0.5951, 4.2035



41.3910, -15.9688, 82.0951



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 65.9990, 38.9475, 61.3909 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

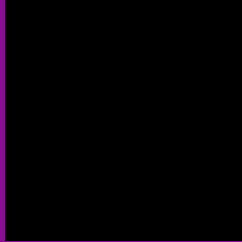
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.9990, 38.9475, 61.3909

Background



This preview shows how black text looks on a background with the YUV color 65.9990, 38.9475, 61.3909.



This preview shows how white text looks on a background with the YUV color 65.9990, 38.9475,

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

65.9990, 38.9475, 61.3909

Protanopia

63.7810, 48.9150, -55.9359

Deuteranopia

74.5270, 30.7992, -32.0342



Tritanopia

78.7880, -8.2765, 41.4049

Trichromacy



Original Color

65.9990, 38.9475, 61.3909



Protanomaly

64.1330, 45.2904, -13.2716



Deuteranomaly

71.5450, 33.7483, 2.1530



Tritanomaly

74.0120, 8.8681, 49.1015

Monochromacy



Original Color

65.9990, 38.9475, 61.3909



Achromatopsia

66.0000, 0.0000, 0.0000



Achromatomaly

65.6280, 14.4804, 22.2512

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9990, 38.9475, 61.3909 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(136, 15, 145)` looks like.

```
.text, #text, p{  
    color:rgb(136, 15, 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(136, 15, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 15, 145) }
```

Border

The CSS property to change the border of an element to YUV 65.9990, 38.9475, 61.3909 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(136, 15, 145) }
```


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

```
.border{ border-color:rgb(136, 15, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 15, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 15, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 15, 145);  
box-shadow:4px 4px 4px 4px rgb(136, 15,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 65.9990, 38.9475, 61.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 15, 145) }
```

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

```
.background{ background-color: rgb(136, 15,  
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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