

Converting Colors

YUV(76.3880, 28.8957, 65.4347)

Have a look what the booklet for
YUV(76.3880, 28.8957, 65.4347)
contains.

YUV(76.3880, 28.8957, 65.4347)	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(76.3880, 28.8957,
65.4347)**

Conversions

Conversions Part 1

Format	Color
Hex	971B87
RGB	151, 27, 135
RGB Percent	59%, 11%, 53%
CMY	0.4078, 0.8941, 0.4706
CMYK	0.00, 0.82, 0.11, 0.41
HSL	308°, 70%, 35%
HSV	308°, 82%, 59%
XYZ	17.5276, 9.1124, 23.7567
YIQ	76.3880, 39.2360, 59.8760

Conversions

Conversions Part 2

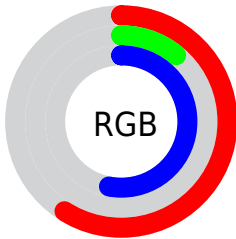
Format	Color
R_{YB}	151, 27, 135
Decimal	9902983
CIE _{Lab}	36.20, 59.60, -30.40
CIE _{LCh}	36, 66.905, 332.972
Yxy	9.1124, 0.3478, 0.1808
Android (android.graphics.Color)	4288093063 (0xFF971B87)
YUV	76.3880, 28.8957, 65.4347
Hunter-Lab	30.1868, 50.8169, -25.5299

Details

The YUV color **76.3880, 28.8957, 65.4347** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **101.6120, -28.8957, -65.4347**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3940, 26.4278, 63.6755**, and **38.3940, 22.9768, 50.5205** is the 20% darker color. If you saturate the color by 10%, you get **67.3550, 32.3630, 73.3567**, and if you desaturate by 10%, it is **85.4210, 25.4284, 57.5128**.

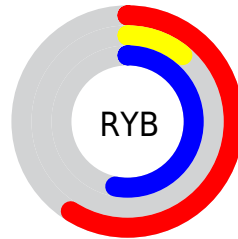
Distribution



Red (59%)

Green (11%)

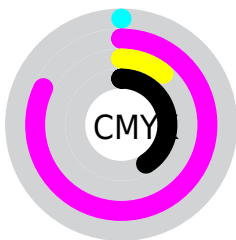
Blue (53%)



Red (59%)

Yellow (11%)

Blue (53%)

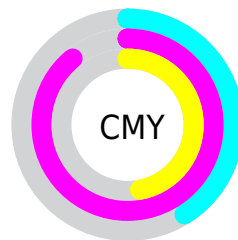


Cyan (0%)

Magenta (82%)

Yellow (11%)

Black (41%)



Cyan (41%)

Magenta (89%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3880, 28.8957, 65.4347 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 76.3880, 28.8957, 65.4347 by changing the saturation by 10% instead.

■ 76.3880, 28.8957,
65.4347

■ 76.3880, 28.8957,
65.4347

■ 255.0000, 0.0000,
0.0000

■ 49.2030, 29.4799,
64.7200

■ 135.3940, 26.4278,
63.6755

■ 38.3940, 22.9768,
50.5205

■ 163.9920, 26.1329,
64.9050

■ 27.5850, 16.4736,
36.3210

■ 188.7030, 27.7544,
58.1425

■ 17.6020, 10.5492,
23.1510

■ 206.2790, 24.0195,
42.7283

■ 2.2970, 6.2626,
-2.0145

■ 222.7150, 15.9165,
28.3139

■ 0.0000, 0.0000,
0.0000

■ 239.7380, 7.5242,

13.3848

■ 76.3880, 28.8957,
65.4347

■ 76.3880, 28.8957,
65.4347

■ 67.3550, 32.3630,
73.3567

■ 85.4210, 25.4284,
57.5128

■ 60.1970, 35.3989,
79.6342

■ 94.4540, 21.9612,
49.5908

■ 103.4870, 18.4939,
41.6689

■ 112.5200, 15.0266,
33.7470

■ 122.1400, 11.2700,
25.3102

■ 131.1730, 7.8027,
17.3883

■ 140.2060, 4.3354,
9.4663

■ 149.2390, 0.8682,
1.5444

■ 158.2720, -2.5991,
-6.3775

Harmonies

Analogous

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



84.6230, 45.5419, -0.5464



76.3880, 28.8957, 65.4347



61.6730, 10.0212, 99.3878

Triad

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



76.3880, 28.8957, 65.4347



79.7950, -39.3389, 17.7198



79.1110, 31.4973, -69.3803

Complementary

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



76.3880, 28.8957, 65.4347



101.6120, -28.8957, -65.4347

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.



72.9550, 7.9102, -63.9815



76.3880, 28.8957, 65.4347



70.0840, -34.5514, -24.6297

Square

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



76.3880, 28.8957, 65.4347



78.8520, -38.8740, 55.3808



64.5820, -16.5559, -56.6384



81.2090, 49.6900, -71.2203

Rectangle

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



76.3880, 28.8957, 65.4347



57.3840, -5.1193, 102.2722



64.5820, -16.5559, -56.6384



77.1730, 24.0717, -67.6807

Sweetspot

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



76.3880, 28.8957, 65.4347



166.5530, 11.5594, 25.8250



45.3220, 52.0993, -3.7904



81.6350, 7.0819, 15.2291



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



76.3880, 28.8957, 65.4347



79.2720, 45.2219, 102.3705



69.5480, 2.6878, 71.4334



72.1900, 1.8783, 4.2184



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Inverse Universe

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



76.3880, 28.8957, 65.4347



79.2720, 45.2219, 102.3705



108.4520, -2.6878, -71.4334



72.1900, 1.8783, 4.2184



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 76.3880, 28.8957, 65.4347 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

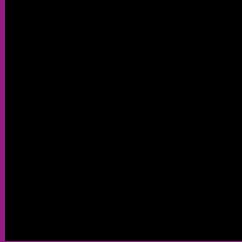
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3880, 28.8957, 65.4347

Background



This preview shows how black text looks on a background with the YUV color 76.3880, 28.8957, 65.4347.



This preview shows how white text looks on a background with the YUV color 76.3880, 28.8957,

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

76.3880, 28.8957, 65.4347

Protanopia

69.0130, 53.7306, -60.5244

Deuteranopia

85.5910, 20.4146, -14.5503



Tritanopia

83.4690, -11.0772, 53.0857

Trichromacy



Original Color

76.3880, 28.8957, 65.4347

Protanomaly

71.8940, 44.4223, -14.8160

Deuteranomaly

82.5760, 23.3800, 14.4038

Tritanomaly

80.9870, 3.4574, 57.8934

Monochromacy



Original Color

76.3880, 28.8957, 65.4347

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9010, 10.4018, 23.7658

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3880, 28.8957, 65.4347 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(151, 27, 135)` looks like.

```
.text, #text, p{  
    color:rgb(151, 27, 135)  
}
```

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(151, 27, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 27, 135) }
```

Border

The CSS property to change the border of an element to YUV 76.3880, 28.8957, 65.4347 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(151, 27, 135) }
```


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

```
.border{ border-color:rgb(151, 27, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 27, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 27, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 27, 135);  
box-shadow:4px 4px 4px 4px rgb(151, 27,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 76.3880, 28.8957, 65.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 27, 135) }
```

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

```
.background{ background-color: rgb(151, 27,  
135) }
```

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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