

Converting Colors

YUV(79.0980, -38.5023,
76.2131)

Have a look what the booklet for
YUV(79.0980, -38.5023, 76.2131)
contains.

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Color

**YUV(79.0980, -38.5023,
76.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	A63201
RGB	166, 50, 1
RGB Percent	65%, 20%, 0%
CMY	0.3490, 0.8039, 0.9961
CMYK	0.00, 0.70, 0.99, 0.35
HSL	18°, 99%, 33%
HSV	18°, 99%, 65%
XYZ	16.8720, 10.3904, 1.1450
YIQ	79.0980, 84.8650, 9.3530

Conversions

Conversions Part 2

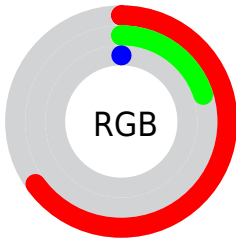
Format	Color
RYB	166, 71, 1
Decimal	10891777
CIELab	38.53, 45.94, 50.21
CIElCh	39, 68.055, 47.539
Yxy	10.3904, 0.5939, 0.3658
Android (android.graphics.Color)	4289081857 (0xFFA63201)
YUV	79.0980, -38.5023, 76.2131
Hunter-Lab	32.2341, 37.0206, 20.4578

Details

The YUV color **79.0980, -38.5023, 76.2131** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **87.9020, 38.5023, -76.2131**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.9740, -40.4132, 82.4608**, and **31.3950, -15.4777, 64.5516** is the 20% darker color. If you saturate the color by 10%, you get **78.3970, -38.6497, 76.8278**, and if you desaturate by 10%, it is **88.0800, -34.5494, 68.3358**.

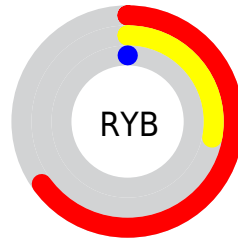
Distribution



Red (65%)

Green (20%)

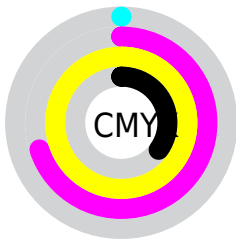
Blue (0%)



Red (65%)

Yellow (28%)

Blue (0%)

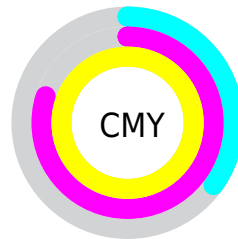


Cyan (0%)

Magenta (70%)

Yellow (99%)

Black (35%)



Cyan (35%)


Magenta (80%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 79.0980, -38.5023, 76.2131 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 79.0980, -38.5023, 76.2131 by changing the saturation by 10% instead.


 79.0980, -38.5023,
76.2131


 79.0980, -38.5023,
76.2131


 253.1760, -6.9888,
1.5996


 52.4040, -25.8352,
73.3137


 134.9740,
-40.4132, 82.4608

 31.3950, -15.4777,
64.5516

 161.4470,
-41.1394, 82.0460


 22.7240, -11.2029,
46.7231

 180.1460,
-38.0330, 65.6470

 15.1780, -6.4968,
30.5389

 199.5460,
-34.7792, 48.6332


 0.0000, 0.0000,
0.0000


 218.9460,
-31.5254, 31.6194


 239.1610,


-27.6874, 13.8908


 249.9840,
-19.2191, 4.3990


 79.0980, -38.5023,
76.2131


 79.0980, -38.5023,
76.2131


 78.3970, -38.6497,
76.8278

 88.0800, -34.5494,
68.3358

 96.3610, -30.7440,
61.0734

 105.3430,
-26.7911, 53.1962

 114.2110,
-23.2750, 45.4190

 122.6060,
-19.0328, 38.0565

■ 131.5880,
-15.0799, 30.1793

■ 140.4560,
-11.5638, 22.4021

■ 148.8510, -7.3215,
15.0397

■ 157.7190, -3.8055,
7.2624

Harmonies

Analogous

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



61.9700, -0.4782, 107.0203



79.0980, -38.5023, 76.2131



85.8300, -42.3142, 38.7371

Triad

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



79.0980, -38.5023, 76.2131



73.1540, -4.0199, -64.1561



73.6410, 61.3090, -64.5832

Complementary

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



79.0980, -38.5023, 76.2131



87.9020, 38.5023, -76.2131

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.



83.8480, 57.2629, -73.5347



79.0980, -38.5023, 76.2131



80.9400, 20.7356, -70.9844

Square

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



79.0980, -38.5023, 76.2131



63.3960, -31.2542, -55.5983



85.3520, 42.7175, -74.8537



90.9650, 36.9923, 35.1107

Rectangle

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



79.0980, -38.5023, 76.2131



84.1920, -41.5067, 12.9866



85.3520, 42.7175, -74.8537



78.2060, 61.0304, -68.5867

Sweetspot

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



79.0980, -38.5023, 76.2131



182.5880, -15.0799, 30.1793



63.7870, 27.2200, 89.6408



89.0040, -9.3690, 18.4135



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



79.0980, -38.5023, 76.2131



102.4510, -50.5083, 100.4595



126.0580, -61.6536, 35.0291



79.5660, -1.7580, 3.8886



70.0800, -34.5494, 68.3358



9.5020, -4.6845, 9.2067

Inverse Universe

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



87.9020, 38.5023, -76.2131



113.9620, 50.7977, -99.9447



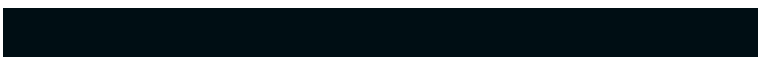
40.9420, 61.6536, -35.0291



80.4340, 1.7580, -3.8886



77.9200, 34.5494, -68.3358



10.4980, 4.6845, -9.2067

Previews

White Background



This preview shows how the YUV color 79.0980, -38.5023, 76.2131 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 × Fail

Black Background



This preview shows how the YUV color 79.0980, -38.5023, 76.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 79.0980, -38.5023, 76.2131

Background



This preview shows how black text looks on a background with the YUV color 79.0980, -38.5023, 76.2131.



This preview shows how white text looks on a background with the YUV color 79.0980, -38.5023,

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

79.0980, -38.5023, 76.2131

Protanopia

86.8530, -33.9445, 14.1609

Deuteranopia

85.7530, -42.2762, 26.5266



Tritanopia

83.1080, -16.8152, 73.5733

Trichromacy



Original Color

79.0980, -38.5023, 76.2131

Protanomaly

84.2410, -35.6148, 36.6226

Deuteranomaly

83.5040, -41.1675, 44.2850

Tritanomaly

81.7570, -24.5302, 74.7581

Monochromacy



Original Color

79.0980, -38.5023, 76.2131

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9190, -13.7641, 28.1350

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0980, -38.5023, 76.2131 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(166, 50, 1)` looks like.

```
.text, #text, p{  
    color:rgb(166, 50, 1)  
}
```

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(166, 50, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 50, 1) }
```

Border

The CSS property to change the border of an element to YUV 79.0980, -38.5023, 76.2131 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(166, 50, 1) }
```


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

```
.border{ border-color:rgb(166, 50, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 50, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 50, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 50, 1);  
box-shadow:4px 4px 4px 4px rgb(166, 50, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.0980, -38.5023, 76.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 50, 1) }
```

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

```
.background{ background-color: rgb(166, 50,  
1) }
```

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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