

Converting Colors

YUV(73.8280, 55.3008, 89.6048)

Have a look what the booklet for
YUV(73.8280, 55.3008, 89.6048)
contains.

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Color

**YUV(73.8280, 55.3008,
89.6048)**

Conversions

Conversions Part 1

Format	Color
Hex	B000BA
RGB	176, 0, 186
RGB Percent	69%, 0%, 73%
CMY	0.3098, 1.0000, 0.2706
CMYK	0.05, 1.00, 0.00, 0.27
HSL	297°, 100%, 36%
HSV	297°, 100%, 73%
XYZ	26.7674, 12.7753, 47.5094
YIQ	73.8280, 45.1900, 95.1580

Conversions

Conversions Part 2

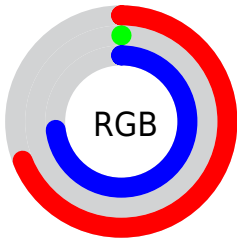
Format	Color
RYB	176, 0, 186
Decimal	11534522
CIELab	42.42, 75.92, -50.97
CIELCh	42, 91.437, 326.125
Yxy	12.7753, 0.3075, 0.1468
Android (android.graphics.Color)	4289724602 (0xFFB000BA)
YUV	73.8280, 55.3008, 89.6048
Hunter-Lab	35.7425, 71.1285, -53.7893

Details

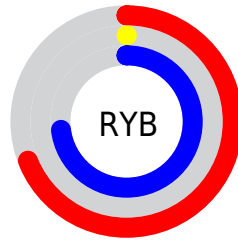
The YUV color **73.8280, 55.3008, 89.6048** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **112.1720, -55.3008, -89.6048**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7480, 46.4662, 76.5200**, and **50.3300, 40.2633, 59.3466** is the 20% darker color. If you saturate the color by 10%, you get **73.8280, 55.3008, 89.6048**, and if you desaturate by 10%, it is **85.2800, 49.6550, 80.4384**.

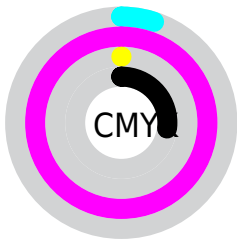
Distribution



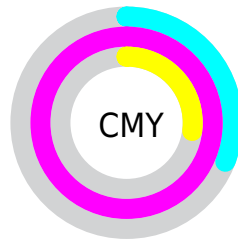
- Red (69%)
- Green (0%)
- Blue (73%)



- Red (69%)
- Yellow (0%)
- Blue (73%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)





- Cyan (31%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.8280, 55.3008, 89.6048 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 73.8280, 55.3008, 89.6048 by changing the saturation by 10% instead.


 73.8280, 55.3008,
89.6048


 73.8280, 55.3008,
89.6048


255.0000, 0.0000,
0.0000

 62.0790, 47.7821,
74.4757


 148.7480, 46.4662,
76.5200


 50.3300, 40.2633,
59.3466


 173.4070, 40.2253,
71.5571


 38.9940, 33.0340,
44.7323


 190.4300, 31.8330,
56.6279

 28.0710, 26.0940,
30.6327

 208.0400, 23.1513,
41.1839

 16.6640, 19.8856,
15.2037

 225.0630, 14.7589,
26.2547

 5.0500, 14.2723,
-4.4289

 242.6730, 6.0772,

 0.9120, 3.4944,

10.8108

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 73.8280, 55.3008,
89.6048

■ 85.2800, 49.6550,
80.4384

■ 96.1450, 44.2985,
71.7868

■ 107.5970, 38.6527,
62.6204

■ 118.4620, 33.2962,
53.9688

■ 129.9140, 27.6504,
44.8024

■ 141.3660, 22.0046,
35.6360

■ 152.2310, 16.6481,
26.9844

■ 163.6830, 11.0023,
17.8180

■ 174.5480, 5.6458,
9.1664

Harmonies

Analogous

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



80.1310, 78.3224, -61.5049



73.8280, 55.3008, 89.6048



78.7760, 17.3654, 123.8534

Triad

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



73.8280, 55.3008, 89.6048



94.3470, -46.5131, 32.1447



94.6470, 35.1770, -83.0054

Complementary

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



73.8280, 55.3008, 89.6048



112.1720, -55.3008, -89.6048

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.



84.5810, 1.6856, -74.1775



73.8280, 55.3008, 89.6048



83.6510, -41.2399, -26.0039

Square

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



73.8280, 55.3008, 89.6048



86.4260, -42.6080, 86.4494



72.7880, -35.8845, -63.8351



100.4270, 62.4005, -88.0745

Rectangle

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



73.8280, 55.3008, 89.6048



73.9730, -4.9167, 130.6967



72.7880, -35.8845, -63.8351



91.7970, 24.2571, -80.5060

Sweetspot

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



73.8280, 55.3008, 89.6048



198.5400, 21.4258, 34.6064



28.2480, 77.7717, -24.7735



95.5740, 13.0280, 21.4216



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



73.8280, 55.3008, 89.6048



96.0590, 71.9489, 116.5893



67.5840, 18.4461, 103.8508



86.4180, 2.7519, 4.0184



61.7370, 46.4717, 74.7757



11.2650, 8.2504, 13.7996

Inverse Universe

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



56.7540, -23.0497, 113.3487



73.8400, -29.9941, 147.4763



118.4160, -18.4461, -103.8508



85.6910, -1.3267, 5.5330



47.5560, -19.5011, 95.1054



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 73.8280, 55.3008, 89.6048 looks on a white background.

Color Contrast Check

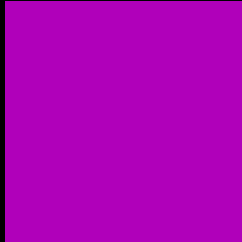
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.8280, 55.3008, 89.6048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

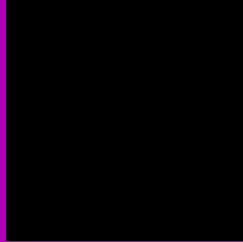
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8280, 55.3008, 89.6048

Background



This preview shows how black text looks on a background with the YUV color 73.8280, 55.3008, 89.6048.



This preview shows how white text looks on a background with the YUV color 73.8280, 55.3008,

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



Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

94.7630, 39.5568, -41.0112

Tritanopia

100.4800, -11.0826, 54.8300

Trichromacy



Protanomaly

79.0310, 60.1307, -13.1822

Deuteranomaly

87.5530, 45.0834, 6.5310

Tritanomaly

90.5720, 13.0290, 67.9044

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8880, 20.2682, 32.5472

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8280, 55.3008, 89.6048 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(176, 0, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 186)  
}
```

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(176, 0, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 186) }
```

Border

The CSS property to change the border of an element to YUV 73.8280, 55.3008, 89.6048 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(176, 0, 186) }
```

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

```
.border{ border-color:rgb(176, 0, 186) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 0,  
186) }
```


Background

The CSS property to change the background color of an element to YUV 73.8280, 55.3008, 89.6048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 186) }
```

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

```
.background{ background-color: rgb(176, 0,  
186) }
```

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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