

Converting Colors

YUV(78.6820, 53.4008, 92.3639)

Have a look what the booklet for
YUV(78.6820, 53.4008, 92.3639)
contains.

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Color

**YUV(78.6820, 53.4008,
92.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	B804BB
RGB	184, 4, 187
RGB Percent	72%, 2%, 73%
CMY	0.2784, 0.9843, 0.2667
CMYK	0.02, 0.98, 0.00, 0.27
HSL	299°, 96%, 37%
HSV	299°, 98%, 73%
XYZ	28.7802, 13.8650, 48.1730
YIQ	78.6820, 48.5370, 95.0730

Conversions

Conversions Part 2

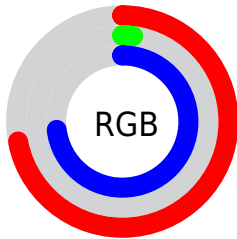
Format	Color
RYB	184, 4, 187
Decimal	12059835
CIELab	44.04, 76.97, -48.88
CIELCh	44, 91.178, 327.580
Yxy	13.8650, 0.3169, 0.1527
Android (android.graphics.Color)	4290249915 (0xFFB804BB)
YUV	78.6820, 53.4008, 92.3639
Hunter-Lab	37.2358, 72.8033, -50.6402

Details

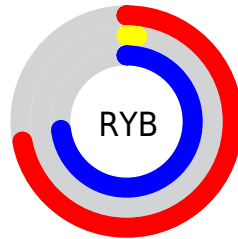
The YUV color **78.6820, 53.4008, 92.3639** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **112.3180, -53.4008, -92.3639**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0150, 44.8556, 79.7938**, and **52.8360, 39.5209, 64.1648** is the 20% darker color. If you saturate the color by 10%, you get **76.3340, 54.5583, 94.4231**, and if you desaturate by 10%, it is **89.8350, 47.9023, 82.5827**.

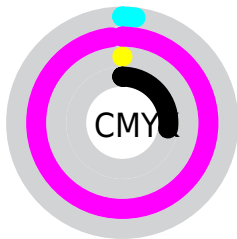
Distribution



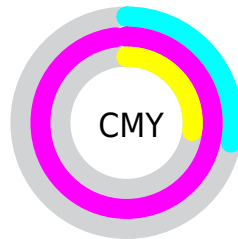
- Red (72%)
- Green (2%)
- Blue (73%)



- Red (72%)
- Yellow (2%)
- Blue (73%)



- Cyan (2%)
- Magenta (98%)
- Yellow (0%)
- Black (27%)





- Cyan (28%)
- Magenta (98%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.6820, 53.4008, 92.3639 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 78.6820, 53.4008, 92.3639 by changing the saturation by 10% instead.


 78.6820, 53.4008,
92.3639


 78.6820, 53.4008,
92.3639

255.0000, 0.0000,
0.0000


 64.5850, 47.0396,
79.2940


 153.0150, 44.8556,
79.7938


 52.8360, 39.5209,
64.1648


 175.1680, 39.3572,
70.0127


 41.5000, 32.2915,
49.5505


 192.1910, 30.9648,
55.0835

 30.2780, 25.4989,
34.8362

 209.8010, 22.2831,
39.6395

 19.1700, 19.1432,
20.0219

 226.8240, 13.8908,
24.7104

 3.9900, 15.2879,
-3.4992

 244.4340, 5.2090,

 1.1400, 4.3680,

9.2664

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 78.6820, 53.4008,
92.3639

■ 78.6820, 53.4008,
92.3639

■ 76.3340, 54.5583,
94.4231

■ 89.8350, 47.9023,
82.5827

■ 100.7000, 42.5459,
73.9311

■ 111.8530, 37.0475,
64.1499

■ 123.0060, 31.5490,
54.3687

■ 134.4580, 25.9032,
45.2023

■ 145.0240, 20.6942,
35.9360

■ 156.1770, 15.1957,
26.1548

■ 167.3300, 9.6973,
16.3736

■ 178.1950, 4.3409,
7.7220

Harmonies

Analogous

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



94.2050, 72.8629, -37.0138



78.6820, 53.4008, 92.3639



80.5700, 16.4810, 127.5421

Triad

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



78.6820, 53.4008, 92.3639



98.4670, -48.5442, 30.2854



97.7930, 37.0771, -85.7645

Complementary

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



78.6820, 53.4008, 92.3639



112.3180, -53.4008, -92.3639

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.



88.4280, 3.7330, -77.5514



78.6820, 53.4008, 92.3639



85.9990, -42.3975, -28.0631

Square

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



78.6820, 53.4008, 92.3639



91.4320, -45.0760, 84.6901



75.1360, -37.0420, -65.8943



103.5730, 64.3005, -90.8335

Rectangle

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



78.6820, 53.4008, 92.3639



75.5820, -5.2169, 133.6706



75.1360, -37.0420, -65.8943



94.9430, 26.1571, -83.2650

Sweetspot

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



78.6820, 53.4008, 92.3639



200.6110, 20.4048, 35.4212



26.6230, 79.0659, -19.8404



97.3460, 12.1544, 21.6216



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.



78.6820, 53.4008, 92.3639



98.7500, 70.6222, 122.1222



69.5470, 14.5203, 103.0063



88.7170, 2.6045, 4.6332



64.6560, 46.0186, 80.1087



12.5040, 9.1185, 15.3440

Inverse Universe

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



59.0590, -25.6651, 112.2043



72.8140, -33.9253, 148.3761



121.4530, -14.5203, -103.0063



87.6910, -1.3267, 5.5330



47.5840, -21.9799, 96.8348



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 78.6820, 53.4008, 92.3639 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 78.6820, 53.4008, 92.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

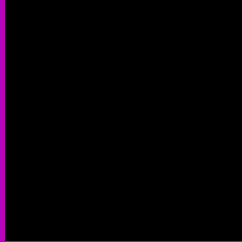
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.6820, 53.4008, 92.3639

Background



This preview shows how black text looks on a background with the YUV color 78.6820, 53.4008, 92.3639.



This preview shows how white text looks on a background with the YUV color 78.6820, 53.4008,

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

78.6820, 53.4008, 92.3639

Protanopia

84.4980, 64.8305, -74.1047

Deuteranopia

100.8130, 37.0672, -35.7930



Tritanopia

103.1710, -12.4093, 60.3630

Trichromacy



Original Color

78.6820, 53.4008, 92.3639



Protanomaly

82.1450, 60.5675, -13.2822



Deuteranomaly

93.0050, 42.8885, 10.5196



Tritanomaly

94.2520, 11.7078, 71.6930

Monochromacy



Original Color

78.6820, 53.4008, 92.3639



Achromatopsia

79.0000, 0.0000, 0.0000



Achromatomaly

78.9590, 19.2472, 33.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.6820, 53.4008, 92.3639 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(184, 4, 187)` looks like.

```
.text, #text, p{  
  color:rgb(184, 4, 187)  
}
```

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(184, 4, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 4, 187) }
```

Border

The CSS property to change the border of an element to YUV 78.6820, 53.4008, 92.3639 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(184, 4, 187) }
```


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

```
.border{ border-color:rgb(184, 4, 187) }
```

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

Here you see how a box with a 4 pixel rgb(184, 4, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 4, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 4, 187);  
box-shadow:4px 4px 4px 4px rgb(184, 4,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 78.6820, 53.4008, 92.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 4, 187) }
```

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

```
.background{ background-color: rgb(184, 4,  
187) }
```

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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