

Converting Colors

YUV(78.9920, 53.2479, 94.7230)

Have a look what the booklet for
YUV(78.9920, 53.2479, 94.7230)
contains.

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Color

**YUV(78.9920, 53.2479,
94.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	BB03BB
RGB	187, 3, 187
RGB Percent	73%, 1%, 73%
CMY	0.2667, 0.9882, 0.2667
CMYK	0.00, 0.98, 0.00, 0.27
HSL	300°, 97%, 37%
HSV	300°, 98%, 73%
XYZ	29.4957, 14.2178, 48.2034
YIQ	78.9920, 50.6000, 96.2320

Conversions

Conversions Part 2

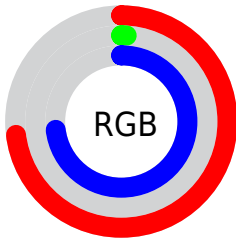
Format	Color
RYB	187, 3, 187
Decimal	12256187
CIELab	44.54, 77.55, -48.04
CIELCh	45, 91.226, 328.221
Yxy	14.2178, 0.3209, 0.1547
Android (android.graphics.Color)	4290446267 (0xFFBB03BB)
YUV	78.9920, 53.2479, 94.7230
Hunter-Lab	37.7065, 73.6445, -49.4010

Details

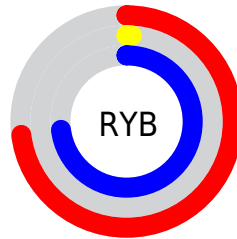
The YUV color **78.9920, 53.2479, 94.7230** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **111.0080, -53.2479, -94.7230**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9120, 44.4134, 81.6382**, and **53.7330, 39.0786, 66.0092** is the 20% darker color. If you saturate the color by 10%, you get **77.2310, 54.1161, 96.2674**, and if you desaturate by 10%, it is **90.1450, 47.7495, 84.9418**.

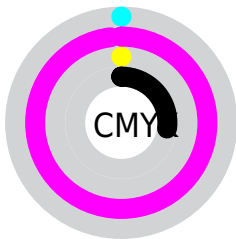
Distribution



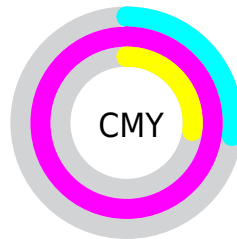
- Red (73%)
- Green (1%)
- Blue (73%)



- Red (73%)
- Yellow (1%)
- Blue (73%)



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





- Cyan (27%)
- Magenta (99%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.9920, 53.2479, 94.7230 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 78.9920, 53.2479, 94.7230 by changing the saturation by 10% instead.


 78.9920, 53.2479,
94.7230


 78.9920, 53.2479,
94.7230


255.0000, 0.0000,
0.0000

 65.4820, 46.5974,
81.1383


 153.9120, 44.4134,
81.6382


 53.7330, 39.0786,
66.0092


 175.1680, 39.3572,
70.0127


 42.0980, 31.9967,
50.7801


 192.7780, 30.6754,
54.5687

 31.1750, 25.0567,
36.6805

 209.8010, 22.2831,
39.6395

 20.0670, 18.7010,
21.8662

 227.4110, 13.6014,
24.1956

 4.5880, 14.9931,
-2.2697

 245.0210, 4.9196,

 1.1400, 4.3680,

8.7516

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 78.9920, 53.2479,
94.7230

■ 78.9920, 53.2479,
94.7230

■ 77.2310, 54.1161,
96.2674

■ 90.1450, 47.7495,
84.9418

■ 100.7110, 42.5405,
75.6755

■ 111.8640, 37.0420,
65.8943

■ 123.0170, 31.5436,
56.1131

■ 133.5830, 26.3346,
46.8467

■ 144.7360, 20.8362,
37.0655

■ 155.8890, 15.3377,
27.2843

■ 167.0420, 9.8393,
17.5032

■ 177.6080, 4.6303,
8.2368

Harmonies

Analogous

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



96.8960, 71.5363, -31.4808



78.9920, 53.2479, 94.7230



81.1680, 16.1862, 128.7717

Triad

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



78.9920, 53.2479, 94.7230



99.0540, -48.8336, 29.7706



99.3090, 37.8087, -87.0940

Complementary

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



78.9920, 53.2479, 94.7230



111.0080, -53.2479, -94.7230

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.



89.9440, 4.4646, -78.8809



78.9920, 53.2479, 94.7230



86.8740, -42.8289, -29.7075

Square

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



78.9920, 53.2479, 94.7230



93.4920, -46.0916, 83.7605



76.3100, -37.6208, -66.9239



104.3880, 64.8847, -91.5483

Rectangle

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



78.9920, 53.2479, 94.7230



75.7670, -5.8011, 134.3853



76.3100, -37.6208, -66.9239



96.4590, 26.8887, -84.5945

Sweetspot

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



78.9920, 53.2479, 94.7230



199.7360, 20.8362, 37.0655



23.9760, 80.3708, -18.3960



96.1720, 12.7332, 22.6512



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.



78.9920, 53.2479, 94.7230



99.9460, 70.0326, 124.5814



68.5040, 13.0625, 103.9210



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Inverse Universe

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



78.9920, 53.2479, 94.7230



99.9460, 70.0326, 124.5814



121.4960, -13.0625, -103.9210



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 78.9920, 53.2479, 94.7230 looks on a white background.

Color Contrast Check

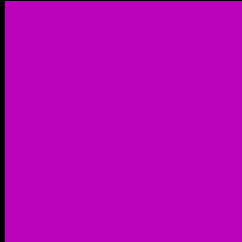
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.9920, 53.2479, 94.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

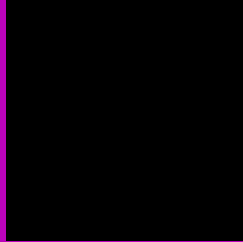
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9920, 53.2479, 94.7230

Background



This preview shows how black text looks on a background with the YUV color 78.9920, 53.2479, 94.7230.



This preview shows how white text looks on a background with the YUV color 78.9920, 53.2479, 94.7230.

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

78.9920, 53.2479, 94.7230

Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

102.5960, 36.1882, -33.8487



Tritanopia

104.0680, -12.8515, 62.2074

Trichromacy



Original Color

78.9920, 53.2479, 94.7230



Protanomaly

83.2590, 61.0043, -13.3821



Deuteranomaly

94.2010, 42.2989, 12.9787



Tritanomaly

95.1490, 11.2655, 73.5373

Monochromacy



Original Color

78.9920, 53.2479, 94.7230



Achromatopsia

79.0000, 0.0000, 0.0000



Achromatomaly

78.6710, 19.3892, 34.4915

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9920, 53.2479, 94.7230 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(187, 3, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 3, 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(187, 3, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 3, 187) }
```

Border

The CSS property to change the border of an element to YUV 78.9920, 53.2479, 94.7230 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(187, 3, 187) }
```


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

```
.border{ border-color:rgb(187, 3, 187) }
```

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

Here you see how a box with a 4 pixel rgb(187, 3, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 3, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 3, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 3,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 78.9920, 53.2479, 94.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 3, 187) }
```

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

```
.background{ background-color: rgb(187, 3,  
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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