

Converting Colors

YUV(122.7820, 51.8725,
115.9552)

Have a look what the booklet for
YUV(122.7820, 51.8725, 115.9552)
contains.

YUV(122.7820, 51.8725, 115.9552)	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(122.7820, 51.8725,
115.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	FF23E4
RGB	255, 35, 228
RGB Percent	100%, 14%, 89%
CMY	0.0000, 0.8627, 0.1059
CMYK	0.00, 0.86, 0.11, 0.00
HSL	307°, 100%, 57%
HSV	307°, 86%, 100%
XYZ	55.8446, 28.0635, 75.8722
YIQ	122.7820, 69.1670, 106.6630

Conversions

Conversions Part 2

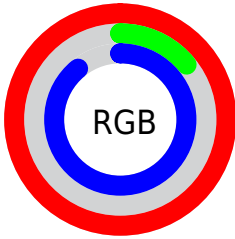
Format	Color
R _Y B	255, 35, 228
Decimal	16720868
CIE Lab	59.95, 91.42, -46.37
CIE LCh	60, 102.512, 333.106
Yxy	28.0635, 0.3495, 0.1756
Android (android.graphics.Color)	4294910948 (0xFFFF23E4)
YUV	122.7820, 51.8725, 115.9552
Hunter-Lab	52.9750, 95.4630, -47.8343

Details

The YUV color **122.7820, 51.8725, 115.9552** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **167.2180, -51.8725, -115.9552**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6460, 41.0935, 73.1015**, and **77.3150, 46.6797, 101.4557** is the 20% darker color. If you saturate the color by 10%, you get **107.1780, 58.0862, 129.6399**, and if you desaturate by 10%, it is **137.7990, 45.9481, 102.7853**.

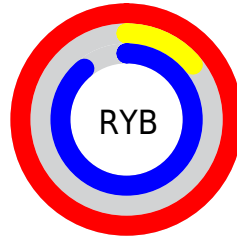
Distribution



Red (100%)

Green (14%)

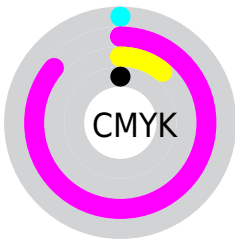
Blue (89%)



Red (100%)

Yellow (14%)

Blue (89%)

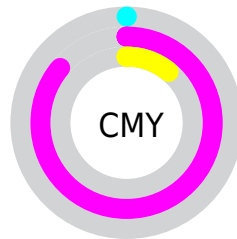


Cyan (0%)

Magenta (86%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.7820, 51.8725, 115.9552 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 122.7820, 51.8725, 115.9552 by changing the saturation by 10% instead.


 122.7820, 51.8725,
115.9552


 122.7820, 51.8725,
115.9552


255.0000, 0.0000,
0.0000


 89.7760, 54.3404,
117.7144


 171.6460, 41.0935,
73.1015


 77.3150, 46.6797,
101.4557


 190.4300, 31.8330,
56.6279


 65.2670, 39.3084,
85.7118


 208.6270, 22.8619,
40.6691

 53.3330, 32.3738,
69.8680

 226.8240, 13.8908,
24.7104

 41.6980, 25.2919,
54.6389

 245.0210, 4.9196,
8.7516

 30.8890, 18.7887,
40.4393

 18.9980, 13.3120,

23.6808

■ 2.6220, 10.0464,
-2.2995

■ 0.0000, 0.0000,
0.0000

■ 122.7820, 51.8725,
115.9552

■ 122.7820, 51.8725,
115.9552

■ 107.1780, 58.0862,
129.6399

■ 137.7990, 45.9481,
102.7853

■ 101.7810, 60.2540,
134.3731

■ 153.4030, 39.7343,
89.1006

■ 168.4200, 33.8099,
75.9307

■ 184.1380, 28.0330,
62.1460

199.7420, 21.8192,
48.4613

214.7590, 15.8948,
35.2914

229.7760, 9.9704,
22.1214

245.3800, 3.7567,
8.4367

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



138.1470, 57.6085, 2.5021



122.7820, 51.8725, 115.9552



92.0910, 23.1261, 142.8712

Triad

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



122.7820, 51.8725, 115.9552



134.7600, -66.4367, 29.1515



133.8350, 53.3253, -117.3733

Complementary

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



122.7820, 51.8725, 115.9552



167.2180, -51.8725, -115.9552

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.



122.9880, 14.3029, -107.8605



122.7820, 51.8725, 115.9552



117.1760, -57.7678, -44.8814

Square

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



122.7820, 51.8725, 115.9552



132.4980, -65.3215, 91.6483



109.3540, -27.7825, -95.9035



131.2080, 61.0295, -115.0694

Rectangle

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



122.7820, 51.8725, 115.9552



85.4790, -2.2081, 148.6699



109.3540, -27.7825, -95.9035



130.6430, 41.0950, -114.5739

Sweetspot

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



122.7820, 51.8725, 115.9552



215.3460, 15.6054, 34.7766



67.8540, 92.2630, -6.0110



103.9500, 9.3916, 21.0918



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



122.7820, 51.8725, 115.9552



101.7810, 60.2540, 134.3731



110.3560, 4.2615, 126.8528



120.1410, 2.8885, 6.8923



76.2610, 45.2273, 100.6261



25.5200, 15.0266, 33.7470

Inverse Universe

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



122.7820, 51.8725, 115.9552



101.7810, 60.2540, 134.3731



179.6440, -4.2615, -126.8528



120.1410, 2.8885, 6.8923



76.2610, 45.2273, 100.6261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 122.7820, 51.8725, 115.9552 looks on a white background.

Color Contrast Check

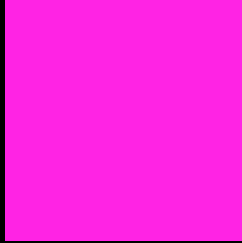
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.7820, 51.8725, 115.9552 looks on a black 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

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

YUV 122.7820, 51.8725, 115.9552 Background



This preview shows how black text looks on a background with the YUV color 122.7820, 51.8725, 115.9552.



This preview shows how white text looks on a background with the YUV color 122.7820, 51.8725,

115.9552.

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

122.7820, 51.8725, 115.9552

Protanopia

138.7470, 57.3127, -42.7511

Deuteranopia

143.1240, 35.4349, -25.5417



Tritanopia

139.2350, -19.3429, 91.0019

Trichromacy



Original Color

122.7820, 51.8725, 115.9552



Protanomaly

132.6540, 55.3866, 15.2124



Deuteranomaly

135.4630, 41.6767, 25.9039



Tritanomaly

133.4620, 6.6742, 99.5728

Monochromacy



Original Color

122.7820, 51.8725, 115.9552



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.9000, 18.7833, 42.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7820, 51.8725, 115.9552 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(255, 35, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 35, 228)  
}
```

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(255, 35, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 35, 228) }
```

Border

The CSS property to change the border of an element to YUV 122.7820, 51.8725, 115.9552 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(255, 35, 228) }
```


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

```
.border{ border-color:rgb(255, 35, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 35, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 35, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 35, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 35,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 122.7820, 51.8725, 115.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 35, 228) }
```

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

```
.background{ background-color: rgb(255, 35,  
228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor