

Converting Colors

YUV(115.7890, 47.9250,
122.0880)

Have a look what the booklet for
YUV(115.7890, 47.9250, 122.0880)
contains.

YUV(115.7890, 47.9250, 122.0880)	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(115.7890, 47.9250,
122.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1AD5
RGB	255, 26, 213
RGB Percent	100%, 10%, 84%
CMY	0.0000, 0.8980, 0.1647
CMYK	0.00, 0.90, 0.16, 0.00
HSL	311°, 100%, 55%
HSV	311°, 90%, 100%
XYZ	53.6196, 26.8029, 65.2982
YIQ	115.7890, 76.4570, 106.7050

Conversions

Conversions Part 2

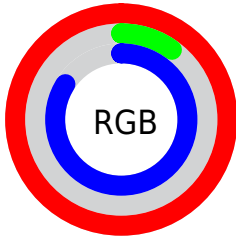
Format	Color
R _{YB}	255, 26, 213
Decimal	16718549
CIE _{Lab}	58.79, 90.76, -39.71
CIE _{LCh}	59, 99.070, 336.371
Yxy	26.8029, 0.3680, 0.1839
Android (android.graphics.Color)	4294908629 (0xFFFF1AD5)
YUV	115.7890, 47.9250, 122.0880
Hunter-Lab	51.7715, 94.2719, -38.5410

Details

The YUV color **115.7890, 47.9250, 122.0880** 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 **165.2110, -47.9250, -122.0880**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 42.2511, 75.1607**, and **75.7190, 40.5645, 102.8554** is the 20% darker color. If you saturate the color by 10%, you get **99.9570, 53.2652, 135.9727**, and if you desaturate by 10%, it is **131.0340, 42.8742, 108.7182**.

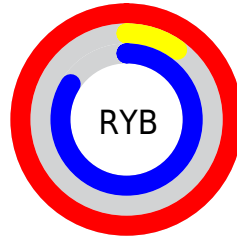
Distribution



Red (100%)

Green (10%)

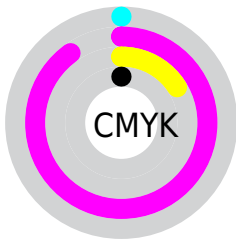
Blue (84%)



Red (100%)

Yellow (10%)

Blue (84%)

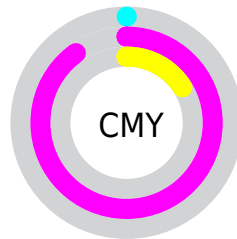


Cyan (0%)

Magenta (90%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (90%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.7890, 47.9250, 122.0880 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 115.7890, 47.9250, 122.0880 by changing the saturation by 10% instead.


 115.7890, 47.9250,
122.0880


 115.7890, 47.9250,
122.0880


255.0000, 0.0000,
0.0000


 88.0660, 47.7885,
119.2141


 169.2980, 42.2511,
75.1607


 75.7190, 40.5645,
102.8554


 188.0820, 32.9906,
58.6871

 63.6710, 33.1932,
87.1115


 206.2790, 24.0195,
42.7283

 51.8510, 26.6955,
71.1677

 224.4760, 15.0483,
26.7695

 40.3300, 20.0503,
55.8386

 242.6730, 6.0772,
10.8108

 29.2220, 13.6946,
41.0243

 17.4450, 8.6546,

24.1657

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 115.7890, 47.9250,
122.0880

■ 115.7890, 47.9250,
122.0880

■ 99.9570, 53.2652,
135.9727

■ 131.0340, 42.8742,
108.7182

■ 146.7520, 37.0973,
94.9335

■ 161.9970, 32.0465,
81.5636

■ 177.8290, 26.7063,
67.6790

■ 192.9600, 21.2187,
54.4091

■ 208.7920, 15.8785,
40.5244

■ 224.0370, 10.8278,
27.1546

■ 239.7550, 5.0508,
13.3699

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.



138.8220, 57.2758, 15.9421



115.7890, 47.9250, 122.0880



90.7230, 17.8846, 144.0709

Triad

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



115.7890, 47.9250, 122.0880



131.1720, -64.6678, 21.7742



131.1280, 55.6459, -114.9993

Complementary

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



115.7890, 47.9250, 122.0880



165.2110, -47.9250, -122.0880

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.



121.4380, 18.5181, -106.5011



115.7890, 47.9250, 122.0880



110.6310, -54.5411, -53.1734

Square

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



115.7890, 47.9250, 122.0880



131.2580, -64.7102, 82.2117



108.9610, -21.6728, -95.5588



128.2730, 62.4764, -112.4954

Rectangle

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



115.7890, 47.9250, 122.0880



84.3390, -6.5761, 149.6697



108.9610, -21.6728, -95.5588



128.6370, 43.5630, -112.8146

Sweetspot

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



115.7890, 47.9250, 122.0880



213.0150, 14.2896, 36.8208



64.6640, 93.8356, 2.9257



103.0210, 8.3706, 21.9066



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.



115.7890, 47.9250, 122.0880



99.9570, 53.2652, 135.9727



102.7930, -1.8699, 133.4855



120.0270, 2.4517, 6.9923



74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469

Inverse Universe

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



115.7890, 47.9250, 122.0880



99.9570, 53.2652, 135.9727



178.2070, 1.8699, -133.4855



120.0270, 2.4517, 6.9923



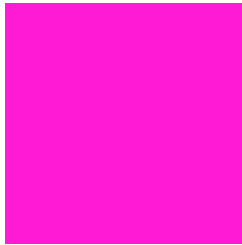
74.8930, 39.9858, 101.8258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 115.7890, 47.9250, 122.0880 looks on a white background.

Color Contrast Check

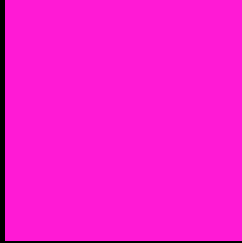
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7890, 47.9250, 122.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

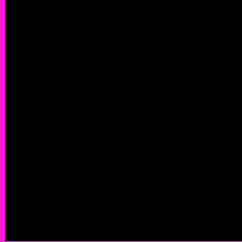
Any Text WCAG AA ✓ Pass

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 115.7890, 47.9250, 122.0880 Background



This preview shows how black text looks on a background with the YUV color 115.7890, 47.9250, 122.0880.



This preview shows how white text looks on a background with the YUV color 115.7890, 47.9250,

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

115.7890, 47.9250, 122.0880

Protanopia

135.1920, 59.0653, -44.8954

Deuteranopia

141.1590, 29.0086, -17.6794



Tritanopia

133.8120, -21.1063, 96.6349

Trichromacy



Original Color

115.7890, 47.9250, 122.0880



Protanomaly

127.9530, 55.2392, 15.8272



Deuteranomaly

132.3130, 35.8347, 33.0515



Tritanomaly

127.1100, 3.8898, 106.0205

Monochromacy



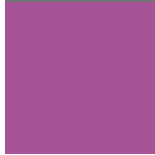
Original Color

115.7890, 47.9250, 122.0880



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.8680, 17.3201, 44.8428

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7890, 47.9250, 122.0880 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, 26, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 213)  
}
```

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, 26, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 213) }
```

Border

The CSS property to change the border of an element to YUV 115.7890, 47.9250, 122.0880 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, 26, 213) }
```


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

```
.border{ border-color:rgb(255, 26, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 115.7890, 47.9250, 122.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 213) }
```

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

```
.background{ background-color: rgb(255, 26,  
213) }
```

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