

Converting Colors

YUV(114.1710, 62.0337,
123.5070)

Have a look what the booklet for
YUV(114.1710, 62.0337, 123.5070)
contains.

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Color

**YUV(114.1710, 62.0337,
123.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	FF12F0
RGB	255, 18, 240
RGB Percent	100%, 7%, 94%
CMY	0.0000, 0.9294, 0.0588
CMYK	0.00, 0.93, 0.06, 0.00
HSL	304°, 100%, 54%
HSV	304°, 93%, 100%
XYZ	57.1845, 27.9839, 84.8255
YIQ	114.1710, 69.9900, 119.2860

Conversions

Conversions Part 2

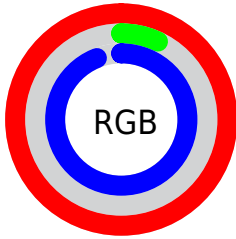
Format	Color
R _Y B	255, 18, 240
Decimal	16716528
CIE _{Lab}	59.87, 95.06, -53.21
CIE _{LCh}	60, 108.937, 330.761
Yxy	27.9839, 0.3364, 0.1646
Android (android.graphics.Color)	4294906608 (0xFFFF12F0)
YUV	114.1710, 62.0337, 123.5070
Hunter-Lab	52.8998, 100.3832, -58.0425

Details

The YUV color **114.1710, 62.0337, 123.5070** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **158.8290, -62.0337, -123.5070**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 42.5405, 75.6755**, and **78.5690, 51.4845, 100.3560** is the 20% darker color. If you saturate the color by 10%, you get **103.4910, 66.8059, 132.8734**, and if you desaturate by 10%, it is **129.6610, 55.3831, 109.9223**.

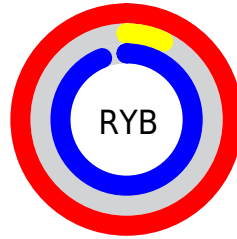
Distribution



Red (100%)

Green (7%)

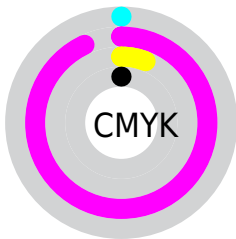
Blue (94%)



Red (100%)

Yellow (7%)

Blue (94%)

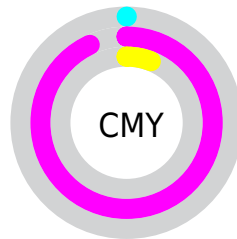


Cyan (0%)

Magenta (93%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (93%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.1710, 62.0337, 123.5070 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 114.1710, 62.0337, 123.5070 by changing the saturation by 10% instead.


 114.1710, 62.0337,
123.5070


 114.1710, 62.0337,
123.5070


255.0000, 0.0000,
0.0000


 91.0300, 59.1452,
116.6147


 168.7110, 42.5405,
75.6755


 78.5690, 51.4845,
100.3560


 188.0820, 32.9906,
58.6871

 66.5210, 44.1131,
84.6121


 206.2790, 24.0195,
42.7283

 54.4730, 36.7418,
68.8682

 224.4760, 15.0483,
26.7695

 42.5390, 29.8073,
53.0243

 242.6730, 6.0772,
10.8108

 31.6160, 22.8673,
38.9248

 19.6110, 16.9538,

22.2662

■ 3.6480, 13.9775,
-3.1993

■ 0.3420, 1.3104,
-0.2999

■ 114.1710, 62.0337,
123.5070

■ 114.1710, 62.0337,
123.5070

■ 103.4910, 66.8059,
132.8734

■ 129.6610, 55.3831,
109.9223

■ 144.4500, 48.5852,
96.9524

■ 159.9400, 41.9346,
83.3676

■ 174.7290, 35.1366,
70.3977

190.2190, 28.4860,
56.8129

205.1220, 22.1249,
43.7430

220.4980, 15.0375,
30.2583

235.4010, 8.6763,
17.1883

250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



132.7430, 60.2727, -12.0526



114.1710, 62.0337, 123.5070



92.8890, 26.1837, 142.1713

Triad

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



114.1710, 62.0337, 123.5070



135.0810, -66.5949, 33.2550



134.3080, 52.5992, -117.7881

Complementary

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



114.1710, 62.0337, 123.5070



158.8290, -62.0337, -123.5070

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.



122.6630, 10.5191, -107.5755



114.1710, 62.0337, 123.5070



117.4860, -57.9206, -42.5222

Square

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



114.1710, 62.0337, 123.5070



130.4930, -64.3330, 101.2996



107.0740, -36.5185, -93.9039



132.9690, 60.1613, -116.6138

Rectangle

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



114.1710, 62.0337, 123.5070



85.8210, -0.8978, 148.3700



107.0740, -36.5185, -93.9039



130.7740, 39.0584, -114.6888

Sweetspot

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



114.1710, 62.0337, 123.5070



212.7530, 18.3628, 37.0506



48.6060, 101.7522, -16.3175



101.8300, 11.4228, 22.9511



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.



114.1710, 62.0337, 123.5070



103.4910, 66.8059, 132.8734



101.0610, 11.8019, 135.0045



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Inverse Universe

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



114.1710, 62.0337, 123.5070



103.4910, 66.8059, 132.8734



171.9390, -11.8019, -135.0045



120.2550, 3.3253, 6.7924



77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 114.1710, 62.0337, 123.5070 looks on a white background.

Color Contrast Check

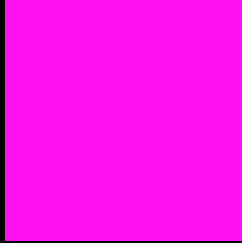
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1710, 62.0337, 123.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

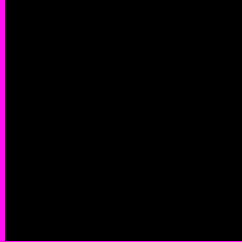
Any Text WCAG AA ✓ Pass

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 114.1710, 62.0337, 123.5070 Background



This preview shows how black text looks on a background with the YUV color 114.1710, 62.0337, 123.5070.



This preview shows how white text looks on a background with the YUV color 114.1710, 62.0337, 123.5070.

123.5070.

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

114.1710, 62.0337, 123.5070

Protanopia

138.7470, 57.3127, -42.7511

Deuteranopia

141.3770, 41.7191, -34.5336



Tritanopia

139.3380, -18.9006, 89.1576

Trichromacy



Original Color

114.1710, 62.0337, 123.5070



Protanomaly

129.7020, 59.3069, 17.8013



Deuteranomaly

131.6890, 48.9603, 23.0747



Tritanomaly

130.2110, 10.7420, 101.5470

Monochromacy



Original Color

114.1710, 62.0337, 123.5070



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.9480, 22.7036, 44.7726

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.1710, 62.0337, 123.5070 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, 18, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 18, 240)  
}
```

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, 18, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 18, 240) }
```

Border

The CSS property to change the border of an element to YUV 114.1710, 62.0337, 123.5070 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, 18, 240) }
```


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

```
.border{ border-color:rgb(255, 18, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 18, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 18, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 18, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 18,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 114.1710, 62.0337, 123.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 18, 240) }
```

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

```
.background{ background-color: rgb(255, 18,  
240) }
```

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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