

Converting Colors

YUV(110.4320, 2.2520,
118.0161)

Have a look what the booklet for
YUV(110.4320, 2.2520, 118.0161)
contains.

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Color

**YUV(110.4320, 2.2520,
118.0161)**

Conversions

Conversions Part 1

Format	Color
Hex	F52973
RGB	245, 41, 115
RGB Percent	96%, 16%, 45%
CMY	0.0392, 0.8392, 0.5490
CMYK	0.00, 0.83, 0.53, 0.04
HSL	338°, 91%, 56%
HSV	338°, 83%, 96%
XYZ	41.5436, 22.2362, 18.3221
YIQ	110.4320, 97.8300, 66.2620

Conversions

Conversions Part 2

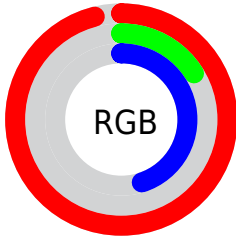
Format	Color
R_{YB}	245, 41, 115
Decimal	16066931
CIE _{Lab}	54.28, 76.54, 10.75
CIE _{LCh}	54, 77.288, 7.995
Yxy	22.2362, 0.5060, 0.2708
Android (android.graphics.Color)	4294257011 (0xFFFF52973)
YUV	110.4320, 2.2520, 118.0161
Hunter-Lab	47.1552, 74.7364, 9.9717

Details

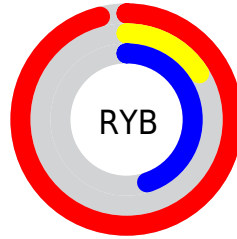
The YUV color **110.4320, 2.2520, 118.0161** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **175.5680, -2.2520, -118.0161**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.4400, 3.2341, 82.9291**, and **62.1700, 2.8742, 105.0909** is the 20% darker color. If you saturate the color by 10%, you get **94.5200, 2.2086, 131.9710**, and if you desaturate by 10%, it is **126.9310, 2.0060, 103.5465**.

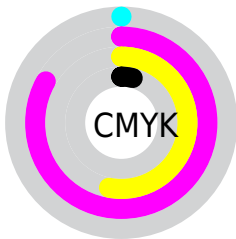
Distribution



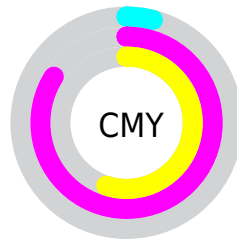
- Red (96%)
- Green (16%)
- Blue (45%)



- Red (96%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (83%)
- Yellow (53%)
- Black (4%)





- Cyan (4%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.4320, 2.2520, 118.0161 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 110.4320, 2.2520, 118.0161 by changing the saturation by 10% instead.


 110.4320, 2.2520,
118.0161


 110.4320, 2.2520,
118.0161


255.0000, 0.0000,
0.0000


 74.0610, 8.3509,
121.8495


 160.4400, 3.2341,
82.9291


 62.1700, 2.8742,
105.0909


 181.1280, 6.3459,
64.7857


 50.3930, -2.1657,
88.2323


 201.8160, 9.4577,
46.6424

 38.8440, -6.3321,
71.1738

 222.7320, 13.4431,
28.2990

 27.2520, -11.9562,
55.0300

 240.9120, 6.9454,
12.3552

 17.8690, -7.8234,
36.0719

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 110.4320, 2.2520,
118.0161

■ 110.4320, 2.2520,
118.0161

■ 94.5200, 2.2086,
131.9710

■ 126.9310, 2.0060,
103.5465

■ 83.4010, 2.7603,
141.7223

■ 142.7290, 1.6126,
89.6917

■ 159.2280, 1.3666,
75.2220

■ 175.0260, 0.9732,
61.3672

■ 191.5250, 0.7272,
46.8976

■ 207.4370, 0.7706,
32.9428

■ 223.8220, 0.0878,
18.5731

■ 239.7340, 0.1311,
4.6183

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



123.6940, 28.2519, 85.3374



110.4320, 2.2520, 118.0161



117.6310, -33.3421, 101.1786

Triad

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



110.4320, 2.2520, 118.0161



106.3110, -52.4113, -36.2297



117.0060, 67.5380, -102.6143

Complementary

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



110.4320, 2.2520, 118.0161



175.5680, -2.2520, -118.0161

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.



116.8000, 46.4406, -102.4336



110.4320, 2.2520, 118.0161



100.2360, -11.9483, -87.9070

Square

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



110.4320, 2.2520, 118.0161



120.2300, -59.2734, 18.2153



110.0910, 18.1961, -96.5498



107.1410, 72.8945, -93.9627

Rectangle

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



110.4320, 2.2520, 118.0161



120.0280, -59.1738, 79.7824



110.0910, 18.1961, -96.5498



118.1000, 61.5757, -103.5737

Sweetspot

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



110.4320, 2.2520, 118.0161



212.7580, 0.6123, 37.0462



102.8270, 70.0913, 58.9107



102.2570, 0.3663, 22.5766



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.



110.4320, 2.2520, 118.0161



86.8470, 3.0334, 147.4702



117.8450, -37.8846, 111.5149



114.1580, 0.4151, 6.8774



63.3660, 2.2846, 107.5500



20.0350, 0.4757, 34.1723

Inverse Universe

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



110.4320, 2.2520, 118.0161



86.8470, 3.0334, 147.4702



168.1550, 37.8846, -111.5149



114.1580, 0.4151, 6.8774



63.3660, 2.2846, 107.5500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 110.4320, 2.2520, 118.0161 looks on a white background.

Color Contrast Check

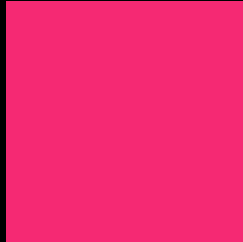
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4320, 2.2520, 118.0161 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 110.4320, 2.2520, 118.0161 Background



This preview shows how black text looks on a background with the YUV color 110.4320, 2.2520, 118.0161.



This preview shows how white text looks on a background with the YUV color 110.4320, 2.2520,

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

110.4320, 2.2520, 118.0161

Protanopia

130.7400, 14.4252, -6.7880

Deuteranopia

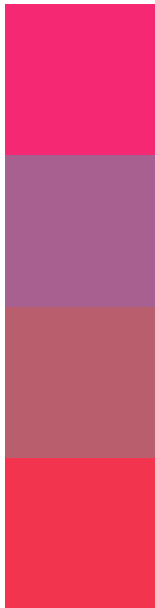
130.4940, -12.5685, 17.9838



Tritanopia

113.1300, -26.6861, 113.0190

Trichromacy



Original Color

110.4320, 2.2520, 118.0161

Protanomaly

123.2880, 10.2110, 38.3354

Deuteranomaly

122.9190, -6.8621, 54.4450

Tritanomaly

112.1870, -16.3612, 114.7230

Monochromacy



Original Color

110.4320, 2.2520, 118.0161

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2040, 0.8854, 42.7941

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4320, 2.2520, 118.0161 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(245, 41, 115)` looks like.

```
.text, #text, p{  
    color:rgb(245, 41, 115)  
}
```

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(245, 41, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 41, 115) }
```

Border

The CSS property to change the border of an element to YUV 110.4320, 2.2520, 118.0161 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(245, 41, 115) }
```


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

```
.border{ border-color:rgb(245, 41, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 41, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 41, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 41, 115);  
box-shadow:4px 4px 4px 4px rgb(245, 41,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 110.4320, 2.2520, 118.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 41, 115) }
```

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

```
.background{ background-color: rgb(245, 41,  
115) }
```

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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