

Converting Colors

YUV(120.5170, -10.1149,
117.9416)

Have a look what the booklet for
YUV(120.5170, -10.1149, 117.9416)
contains.

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Color

**YUV(120.5170, -10.1149,
117.9416)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3864
RGB	255, 56, 100
RGB Percent	100%, 22%, 39%
CMY	0.0000, 0.7804, 0.6078
CMYK	0.00, 0.78, 0.61, 0.00
HSL	347°, 100%, 61%
HSV	347°, 78%, 100%
XYZ	44.9544, 25.0084, 14.5143
YIQ	120.5170, 104.4800, 55.8720

Conversions

Conversions Part 2

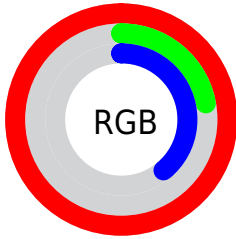
Format	Color
R_{YB}	255, 56, 100
Decimal	16726116
CIE _{Lab}	57.08, 74.55, 23.84
CIE _{LCh}	57, 78.269, 17.733
Yxy	25.0084, 0.5321, 0.2960
Android (android.graphics.Color)	4294916196 (0xFFFF3864)
YUV	120.5170, -10.1149, 117.9416
Hunter-Lab	50.0084, 72.9454, 17.7977

Details

The YUV color **120.5170, -10.1149, 117.9416** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **190.4830, 10.1149, -117.9416**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4860, -6.6486, 79.3808**, and **63.2650, -4.5676, 112.0236** is the 20% darker color. If you saturate the color by 10%, you get **102.9750, -11.3267, 133.3259**, and if you desaturate by 10%, it is **138.0590, -8.9031, 102.5573**.

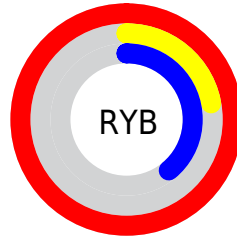
Distribution



Red (100%)

Green (22%)

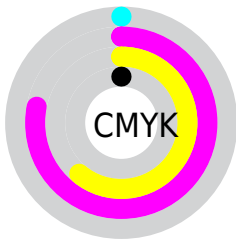
Blue (39%)



Red (100%)

Yellow (22%)

Blue (39%)

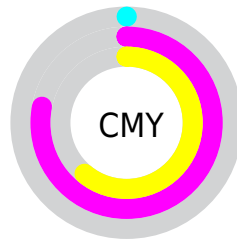


Cyan (0%)

Magenta (78%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5170, -10.1149, 117.9416 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 120.5170, -10.1149, 117.9416 by changing the saturation by 10% instead.


 120.5170,
-10.1149, 117.9416


 120.5170,
-10.1149, 117.9416


255.0000, 0.0000,
0.0000

 75.3410, 0.3249,
129.4969


 164.4860, -6.6486,
79.3808

 63.2650, -4.5676,
112.0236


 185.0600, -3.9736,
61.3374


 51.3030, -9.0234,
94.4503


 205.2750, -0.1356,
43.6088

 39.6400, -13.6265,
77.4917

 226.0770, 3.4130,
25.3655

 28.9320, -13.2775,
58.8186

 246.1950, 4.3409,
7.7220

 20.3750, -8.5659,
40.8901

 9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 120.5170,
-10.1149, 117.9416

■ 120.5170,
-10.1149, 117.9416

■ 102.9750,
-11.3267, 133.3259

■ 138.0590, -8.9031,
102.5573

■ 86.0200, -12.8279,
148.1955

■ 155.0140, -7.4019,
87.6877

■ 82.6290, -13.1281,
151.1694

■ 171.9690, -5.9007,
72.8182

■ 189.3970, -5.1257,
57.5338

■ 206.3520, -3.6245,
42.6643

■ 223.8940, -2.4127,
27.2800

■ 241.4360, -1.2009,
11.8956

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.



126.4420, 20.4881, 102.2214



120.5170, -10.1149, 117.9416



126.8460, -46.2661, 93.0971

Triad

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



120.5170, -10.1149, 117.9416



103.0320, -36.0048, -71.9421



118.8810, 67.1067, -104.2586

Complementary

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



120.5170, -10.1149, 117.9416



190.4830, 10.1149, -117.9416

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.



123.4000, 56.4978, -108.2218



120.5170, -10.1149, 117.9416



108.9390, -1.4489, -95.5395

Square

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



120.5170, -10.1149, 117.9416



123.9740, -61.1192, 3.5308



118.2070, 28.9849, -103.6675



119.7210, 66.6925, -64.6533

Rectangle

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



120.5170, -10.1149, 117.9416



128.5120, -63.3564, 67.9570



118.2070, 28.9849, -103.6675



121.8160, 65.6597, -106.8326

Sweetspot

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



120.5170, -10.1149, 117.9416



215.1230, -3.0186, 34.9721



124.4330, 64.3695, 74.1653



103.6760, -1.8123, 21.3321



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.



120.5170, -10.1149, 117.9416



92.8020, -12.2274, 142.2476



146.6120, -44.6717, 95.0563



119.2290, -0.6059, 7.6922



61.8970, -9.8092, 113.2233



20.7320, -3.3189, 37.9460

Inverse Universe

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



120.5170, -10.1149, 117.9416



92.8020, -12.2274, 142.2476



164.3880, 44.6717, -95.0563



119.2290, -0.6059, 7.6922



61.8970, -9.8092, 113.2233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 120.5170, -10.1149, 117.9416 looks on a white background.

Color Contrast Check

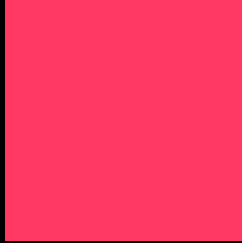
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5170, -10.1149, 117.9416 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 120.5170, -10.1149, 117.9416 Background



This preview shows how black text looks on a background with the YUV color 120.5170, -10.1149, 117.9416.



This preview shows how white text looks on a background with the YUV color 120.5170, -10.1149, 117.9416.

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

120.5170, -10.1149, 117.9416

Protanopia

137.7830, -0.8790, 1.9443

Deuteranopia

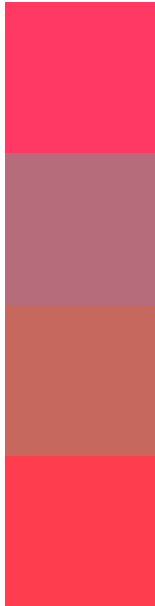
136.4920, -22.9206, 25.0015



Tritanopia

121.0380, -27.1337, 116.6077

Trichromacy



Original Color

120.5170, -10.1149, 117.9416

Protanomaly

131.8360, -4.3561, 43.9938

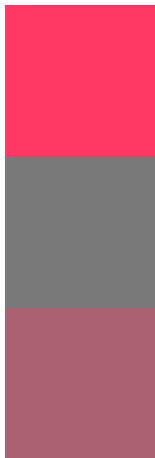
Deuteranomaly

130.9660, -18.2242, 58.7888

Tritanomaly

120.6450, -21.0240, 116.9523

Monochromacy



Original Color

120.5170, -10.1149, 117.9416

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.6510, -3.7719, 43.2791

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5170, -10.1149, 117.9416 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, 56, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 100)  
}
```

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, 56, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 100) }
```

Border

The CSS property to change the border of an element to YUV 120.5170, -10.1149, 117.9416 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, 56, 100) }
```


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

```
.border{ border-color:rgb(255, 56, 100) }
```

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

Here you see how a box with a 4 pixel rgb(255, 56, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 120.5170, -10.1149, 117.9416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 100) }
```

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

```
.background{ background-color: rgb(255, 56,  
100) }
```

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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