

Converting Colors

YUV(120.9900, -14.2921,
104.3718)

Have a look what the booklet for
YUV(120.9900, -14.2921, 104.3718)
contains.

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Color

**YUV(120.9900, -14.2921,
104.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	F0425C
RGB	240, 66, 92
RGB Percent	94%, 26%, 36%
CMY	0.0588, 0.7412, 0.6392
CMYK	0.00, 0.72, 0.62, 0.06
HSL	351°, 85%, 60%
HSV	351°, 72%, 94%
XYZ	39.8152, 23.1944, 12.5037
YIQ	120.9900, 95.3580, 44.9740

Conversions

Conversions Part 2

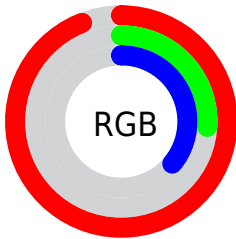
Format	Color
R _Y B	240, 66, 92
Decimal	15745628
CIE Lab	55.27, 66.91, 25.67
CIE LCh	55, 71.665, 20.990
Yxy	23.1944, 0.5273, 0.3072
Android (android.graphics.Color)	4293935708 (0xFFFF0425C)
YUV	120.9900, -14.2921, 104.3718
Hunter-Lab	48.1606, 63.2880, 18.3192

Details

The YUV color **120.9900, -14.2921, 104.3718** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **185.0100, 14.2921, -104.3718**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3950, -12.0267, 77.7066**, and **58.2810, -5.5615, 104.1166** is the 20% darker color. If you saturate the color by 10%, you get **104.6220, -16.0826, 118.7265**, and if you desaturate by 10%, it is **137.3580, -12.5015, 90.0170**.

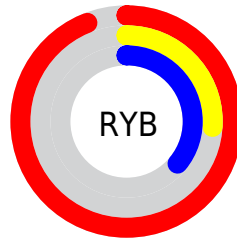
Distribution



Red (94%)

Green (26%)

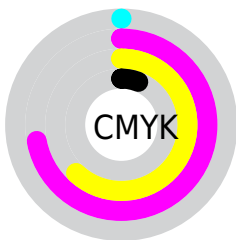
Blue (36%)



Red (94%)

Yellow (26%)

Blue (36%)

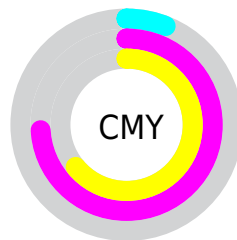


Cyan (0%)

Magenta (72%)

Yellow (62%)

Black (6%)



Cyan (6%)

Magenta (74%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9900, -14.2921, 104.3718 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 120.9900, -14.2921, 104.3718 by changing the saturation by 10% instead.

■ 120.9900,
-14.2921, 104.3718

■ 120.9900,
-14.2921, 104.3718

■ 255.0000, 0.0000,
0.0000

■ 87.0810, -8.9139,
106.0460

■ 166.3950,
-12.0267, 77.7066

■ 58.2810, -5.5615,
104.1166

■ 186.3820, -9.0623,
60.1780

■ 46.6180, -10.1647,
87.1580

■ 206.5970, -5.2243,
42.4494

■ 34.3850, -16.9518,
70.6994

■ 226.6980, -1.8231,
24.8209

■ 25.3440, -11.5086,
51.4413

■ 247.6140, 2.1623,
6.4775

■ 16.6730, -7.2338,
33.6128

■ 2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,
0.0000

■ 120.9900,
-14.2921, 104.3718

■ 120.9900,
-14.2921, 104.3718

■ 104.6220,
-16.0826, 118.7265

■ 137.3580,
-12.5015, 90.0170

■ 88.1400, -18.3100,
133.1812

■ 153.8400,
-10.2741, 75.5623

■ 75.8640, -19.6530,
143.9473

■ 170.2080, -8.4835,
61.2076

■ 186.6900, -6.2562,
46.7529

■ 203.0580, -4.4656,
32.3981

219.4260, -2.6750,
18.0434

235.9080, -0.4476,
3.5887

250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



124.4920, 14.5474, 94.2845



120.9900, -14.2921, 104.3718



124.7090, -45.2125, 81.8162

Triad

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



120.9900, -14.2921, 104.3718



98.6430, -25.9530, -75.9859



114.1850, 69.4218, -100.1402

Complementary

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



120.9900, -14.2921, 104.3718



185.0100, 14.2921, -104.3718

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.



117.5640, 54.4449, -103.1036



120.9900, -14.2921, 104.3718



105.9870, 2.4714, -92.9506

Square

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



120.9900, -14.2921, 104.3718



118.6360, -58.4875, -0.5578



113.8700, 30.1371, -99.8640



126.4040, 60.9328, -37.1883

Rectangle

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



120.9900, -14.2921, 104.3718



124.6140, -61.4347, 58.2205



113.8700, 30.1371, -99.8640



116.5500, 65.7908, -102.2143

Sweetspot

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



120.9900, -14.2921, 104.3718



216.6560, -4.7604, 33.6277



130.0880, 54.1866, 73.5908



104.7360, -2.8278, 20.4025



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.



120.9900, -14.2921, 104.3718



103.1400, -18.3100, 133.1812



153.8330, -43.3017, 75.5685



111.8160, -0.8953, 7.1774



58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Inverse Universe

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



120.9900, -14.2921, 104.3718



103.1400, -18.3100, 133.1812



152.1670, 43.3017, -75.5685



111.8160, -0.8953, 7.1774



58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 120.9900, -14.2921, 104.3718 looks on a white background.

Color Contrast Check

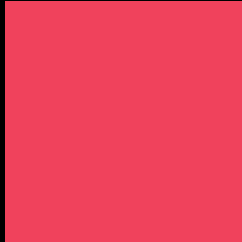
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9900, -14.2921, 104.3718 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 120.9900, -14.2921, 104.3718 Background



This preview shows how black text looks on a background with the YUV color 120.9900, -14.2921, 104.3718.

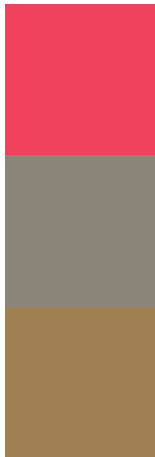


This preview shows how white text looks on a background with the YUV color 120.9900, -14.2921, 104.3718.

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

120.9900, -14.2921, 104.3718

Protanopia

132.5400, -5.6892, 4.7884

Deuteranopia

131.8510, -24.0835, 24.6867



Tritanopia

120.8730, -23.6014, 103.5974

Trichromacy



Original Color

120.9900, -14.2921, 104.3718

Protanomaly

128.2610, -9.0027, 40.9901

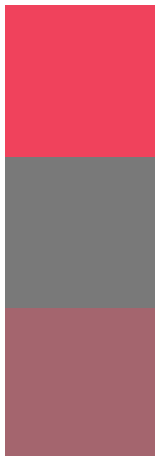
Deuteranomaly

127.9500, -20.6813, 53.5409

Tritanomaly

121.0840, -20.2544, 103.4123

Monochromacy



Original Color

120.9900, -14.2921, 104.3718

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8630, -5.3555, 37.8311

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9900, -14.2921, 104.3718 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(240, 66, 92)` looks like.

```
.text, #text, p{  
    color:rgb(240, 66, 92)  
}
```

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(240, 66, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 66, 92) }
```

Border

The CSS property to change the border of an element to YUV 120.9900, -14.2921, 104.3718 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(240, 66, 92) }
```


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

```
.border{ border-color:rgb(240, 66, 92) }
```

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

Here you see how a box with a 4 pixel rgb(240, 66, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 66, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 66, 92);  
box-shadow:4px 4px 4px 4px rgb(240, 66,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 120.9900, -14.2921, 104.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 66, 92) }
```

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

```
.background{ background-color: rgb(240, 66,  
92) }
```

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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