

Converting Colors

YUV(124.5340, -16.0393,
104.7717)

Have a look what the booklet for
YUV(124.5340, -16.0393, 104.7717)
contains.

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Color

**YUV(124.5340, -16.0393,
104.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	F4465C
RGB	244, 70, 92
RGB Percent	96%, 27%, 36%
CMY	0.0431, 0.7255, 0.6392
CMYK	0.00, 0.71, 0.62, 0.04
HSL	352°, 89%, 62%
HSV	352°, 71%, 96%
XYZ	41.4302, 24.3861, 12.6486
YIQ	124.5340, 96.6420, 43.7300

Conversions

Conversions Part 2

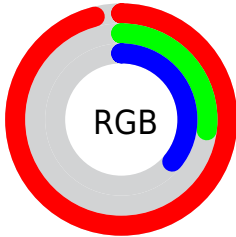
Format	Color
RYB	244, 70, 92
Decimal	16008796
CIELab	56.47, 66.73, 27.37
CIElCh	56, 72.121, 22.299
Yxy	24.3861, 0.5280, 0.3108
Android (android.graphics.Color)	4294198876 (0xFFFF4465C)
YUV	124.5340, -16.0393, 104.7717
Hunter-Lab	49.3823, 63.3367, 19.3813

Details

The YUV color **124.5340, -16.0393, 104.7717** 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 **189.4660, 16.0393, -104.7717**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1560, -12.8949, 76.1622**, and **59.4770, -6.1512, 106.5757** is the 20% darker color. If you saturate the color by 10%, you get **108.0520, -18.2666, 119.2264**, and if you desaturate by 10%, it is **141.0160, -13.8119, 90.3170**.

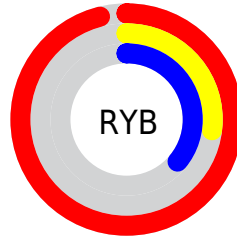
Distribution



Red (96%)

Green (27%)

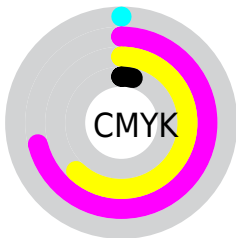
Blue (36%)



Red (96%)

Yellow (27%)

Blue (36%)

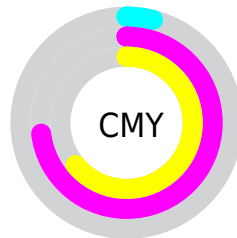


Cyan (0%)

Magenta (71%)

Yellow (62%)

Black (4%)



Cyan (4%)


Magenta (73%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.5340, -16.0393, 104.7717 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 124.5340, -16.0393, 104.7717 by changing the saturation by 10% instead.


 124.5340,
-16.0393, 104.7717


 124.5340,
-16.0393, 104.7717


255.0000, 0.0000,
0.0000

 91.7990, -11.2399,
105.4163


 168.1560,
-12.8949, 76.1622


 59.4770, -6.1512,
106.5757


 188.1430, -9.9305,
58.6336


 47.5150, -10.6069,
89.0023


 208.9450, -6.3819,
40.3902

 35.5810, -17.5414,
73.1585

 229.1600, -2.5439,
22.6617

 26.4260, -12.5350,
54.0004

 249.9620, 1.0047,
4.4183

 17.8690, -7.8234,
36.0719

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 124.5340,
-16.0393, 104.7717

■ 124.5340,
-16.0393, 104.7717

■ 108.0520,
-18.2666, 119.2264

■ 141.0160,
-13.8119, 90.3170

■ 90.8690, -20.6414,
134.2959


■ 158.1990,
-11.4371, 75.2475

■ 76.4900, -22.4266,
146.9063


■ 174.6810, -9.2097,
60.7928

■ 191.7500, -7.2717,
45.8233

■ 208.3460, -4.6076,
31.2686

 224.8280, -2.3802,
16.8138

 241.8970, -0.4422,
1.8443

 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



127.4600, 13.0842, 96.9436



124.5340, -16.0393, 104.7717



127.8400, -47.2491, 81.7013

Triad

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



124.5340, -16.0393, 104.7717



97.9730, -23.1577, -85.9223



115.9460, 68.5536, -101.6846

Complementary

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



124.5340, -16.0393, 104.7717



189.4660, 16.0393, -104.7717

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.



120.5960, 55.9082, -105.7627



124.5340, -16.0393, 104.7717



108.4320, 4.2240, -95.0949

Square

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



124.5340, -16.0393, 104.7717



120.9840, -59.6451, -2.6170



116.3150, 31.8897, -102.0083



131.2090, 60.0430, -31.7553

Rectangle

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



124.5340, -16.0393, 104.7717



127.5600, -62.8871, 57.3909



116.3150, 31.8897, -102.0083



118.8810, 67.1067, -104.2586

Sweetspot

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



124.5340, -16.0393, 104.7717



217.9440, -4.9024, 32.4981



134.9850, 53.7444, 75.4352



106.0240, -2.9698, 19.2730



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.



124.5340, -16.0393, 104.7717



104.5590, -20.4886, 131.9368



159.5940, -44.1698, 74.0241



113.8160, -0.8953, 7.1774



58.3500, -16.9345, 111.9490



18.4390, -5.6394, 35.5720

Inverse Universe

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



124.5340, -16.0393, 104.7717



104.5590, -20.4886, 131.9368



154.4060, 44.1698, -74.0241



113.8160, -0.8953, 7.1774



58.3500, -16.9345, 111.9490



18.4390, -5.6394, 35.5720

Previews

White Background



This preview shows how the YUV color 124.5340, -16.0393, 104.7717 looks on a white background.

Color Contrast Check

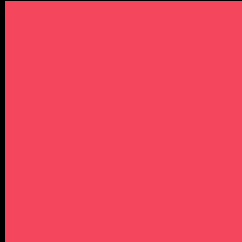
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.5340, -16.0393, 104.7717 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 124.5340, -16.0393, 104.7717 Background



This preview shows how black text looks on a background with the YUV color 124.5340, -16.0393, 104.7717.



This preview shows how white text looks on a background with the YUV color 124.5340, -16.0393, 104.7717.

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

124.5340, -16.0393, 104.7717

Protanopia

135.3830, -7.5838, 5.8031

Deuteranopia

134.8080, -25.5413, 25.6014



Tritanopia

124.1720, -23.7488, 104.2122

Trichromacy



Original Color

124.5340, -16.0393, 104.7717

Protanomaly

131.2180, -10.4605, 41.9048

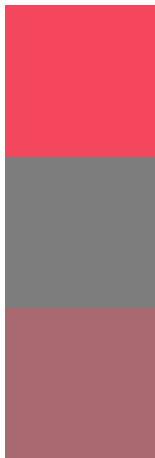
Deuteranomaly

130.9070, -22.1392, 54.4556

Tritanomaly

124.2690, -20.8386, 104.1271

Monochromacy



Original Color

124.5340, -16.0393, 104.7717

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7490, -5.7923, 37.9311

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.5340, -16.0393, 104.7717 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(244, 70, 92)` looks like.

```
.text, #text, p{  
    color:rgb(244, 70, 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(244, 70, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 70, 92) }
```

Border

The CSS property to change the border of an element to YUV 124.5340, -16.0393, 104.7717 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(244, 70, 92) }
```


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

```
.border{ border-color:rgb(244, 70, 92) }
```

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

Here you see how a box with a 4 pixel rgb(244, 70, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 70, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 70, 92);  
box-shadow:4px 4px 4px 4px rgb(244, 70,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 124.5340, -16.0393, 104.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 70, 92) }
```

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

```
.background{ background-color: rgb(244, 70,  
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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