

Converting Colors

YUV(132.3070, 15.1316,
93.5698)

Have a look what the booklet for
YUV(132.3070, 15.1316, 93.5698)
contains.

YUV(132.3070, 15.1316, 93.5698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.3070, 15.1316,
93.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	EF48A3
RGB	239, 72, 163
RGB Percent	94%, 28%, 64%
CMY	0.0627, 0.7176, 0.3608
CMYK	0.00, 0.70, 0.32, 0.06
HSL	327°, 84%, 61%
HSV	327°, 70%, 94%
XYZ	44.5248, 25.6298, 37.2507
YIQ	132.3070, 70.3210, 63.7050

Conversions

Conversions Part 2

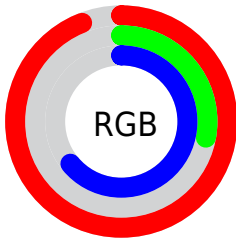
Format	Color
R _{YB}	239, 72, 163
Decimal	15681699
CIE _{Lab}	57.68, 70.72, -12.84
CIE _{LCh}	58, 71.874, 349.710
Y _{xy}	25.6298, 0.4145, 0.2386
Android (android.graphics.Color)	4293871779 (0xFFEF48A3)
YUV	132.3070, 15.1316, 93.5698
Hunter-Lab	50.6259, 68.3932, -8.1876

Details

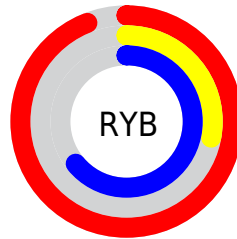
The YUV color **132.3070, 15.1316, 93.5698** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **178.6930, -15.1316, -93.5698**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5810, 19.4336, 67.0195**, and **65.8760, 22.2461, 98.3327** is the 20% darker color. If you saturate the color by 10%, you get **116.9650, 17.2723, 107.0247**, and if you desaturate by 10%, it is **147.6490, 12.9910, 80.1148**.

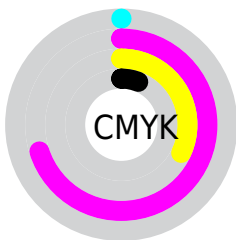
Distribution



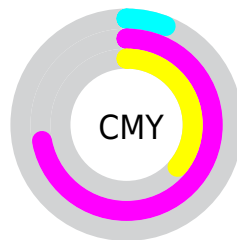
- Red (94%)
- Green (28%)
- Blue (64%)



- Red (94%)
- Yellow (28%)
- Blue (64%)



- Cyan (0%)
- Magenta (70%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (72%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.3070, 15.1316, 93.5698 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 132.3070, 15.1316, 93.5698 by changing the saturation by 10% instead.


 132.3070, 15.1316,
93.5698


 132.3070, 15.1316,
93.5698


255.0000, 0.0000,
0.0000


 99.2410, 18.6152,
96.2586


 178.5810, 19.4336,
67.0195


 65.8760, 22.2461,
98.3327


 198.7960, 23.2716,
49.2909


 54.4690, 16.0378,
82.9037


 217.4320, 18.5210,
32.9471

 43.1760, 10.2662,
67.3746

 234.4550, 10.1287,
18.0180

 31.9970, 4.9315,
51.7456

 252.0650, 1.4470,
2.5740

 21.5300, -0.2613,
37.2462

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 132.3070, 15.1316,
93.5698

■ 132.3070, 15.1316,
93.5698

■ 116.9650, 17.2723,
107.0247

■ 147.6490, 12.9910,
80.1148

■ 101.6230, 19.4129,
120.4796

■ 162.9910, 10.8504,
66.6599

■ 86.2810, 21.5535,
133.9346

■ 178.3330, 8.7098,
53.2050

■ 193.6750, 6.5692,
39.7500

■ 208.9030, 3.9918,
26.3951

■ 223.6580, 2.1406,
13.4549

■ 239.0000, 0.0000,
0.0000

■ 249.6460, 0.1745,
-9.3365

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



141.8890, 39.0017, 43.9473



132.3070, 15.1316, 93.5698



127.8160, -13.7133, 105.4014

Triad

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



132.3070, 15.1316, 93.5698



124.8490, -61.5506, 1.8864



122.3570, 55.0400, -107.3071

Complementary

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



132.3070, 15.1316, 93.5698



178.6930, -15.1316, -93.5698

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.



118.4350, 29.8585, -103.8675



132.3070, 15.1316, 93.5698



110.2700, -30.2061, -65.1348

Square

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



132.3070, 15.1316, 93.5698



130.4510, -64.3123, 47.8395



109.8510, 2.0455, -96.3393



118.2940, 67.3961, -103.7438

Rectangle

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



132.3070, 15.1316, 93.5698



130.6470, -34.3360, 93.2716



109.8510, 2.0455, -96.3393



121.7070, 47.4724, -106.7370

Sweetspot

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



132.3070, 15.1316, 93.5698



220.5660, 5.1440, 30.1986



113.4630, 61.8897, 29.4119



107.5060, 2.7085, 17.9732



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.



132.3070, 15.1316, 93.5698



118.3240, 19.5603, 119.8649



122.8450, -21.1226, 101.8679



112.2720, 0.8519, 6.7775



66.4160, 16.5569, 103.1212



20.2780, 5.2859, 31.3282

Inverse Universe

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



132.3070, 15.1316, 93.5698



118.3240, 19.5603, 119.8649



188.1550, 21.1226, -101.8679



112.2720, 0.8519, 6.7775



66.4160, 16.5569, 103.1212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 132.3070, 15.1316, 93.5698 looks on a white background.

Color Contrast Check

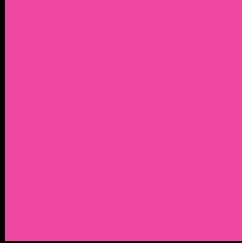
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.3070, 15.1316, 93.5698 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 132.3070, 15.1316, 93.5698 Background



This preview shows how black text looks on a background with the YUV color 132.3070, 15.1316, 93.5698.



This preview shows how white text looks on a background with the YUV color 132.3070, 15.1316, 93.5698.

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

132.3070, 15.1316, 93.5698

Protanopia

138.2170, 34.4030, -21.2383

Deuteranopia

140.1560, 6.8251, 4.2482



Tritanopia

133.6260, -19.0426, 88.0280

Trichromacy



Original Color

132.3070, 15.1316, 93.5698

Protanomaly

135.7600, 27.7263, 20.3815

Deuteranomaly

137.1630, 9.7796, 36.6910

Tritanomaly

132.9650, -6.3917, 90.3617

Monochromacy



Original Color

132.3070, 15.1316, 93.5698

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0010, 5.4225, 34.2021

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3070, 15.1316, 93.5698 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(239, 72, 163)` looks like.

```
.text, #text, p{  
    color:rgb(239, 72, 163)  
}
```

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(239, 72, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 72, 163) }
```

Border

The CSS property to change the border of an element to YUV 132.3070, 15.1316, 93.5698 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(239, 72, 163) }
```


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

```
.border{ border-color:rgb(239, 72, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 72, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 72, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 72, 163);  
box-shadow:4px 4px 4px 4px rgb(239, 72,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 132.3070, 15.1316, 93.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 72, 163) }
```

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

```
.background{ background-color: rgb(239, 72,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor