

Converting Colors

YUV(168.2950, -7.0474,
67.2703)

Have a look what the booklet for
YUV(168.2950, -7.0474, 67.2703)
contains.

| | |
|--|----|
| YUV(168.2950, -7.0474, 67.2703) | 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(168.2950, -7.0474,
67.2703)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5849A |
| RGB | 245, 132, 154 |
| RGB Percent | 96%, 52%, 60% |
| CMY | 0.0392, 0.4824, 0.3961 |
| CMYK | 0.00, 0.46, 0.37, 0.04 |
| HSL | 348°, 85%, 74% |
| HSV | 348°, 46%, 96% |
| XYZ | 51.7402, 38.2481, 35.2275 |
| YIQ | 168.2950, 60.2860, 30.7980 |

Conversions

Conversions Part 2

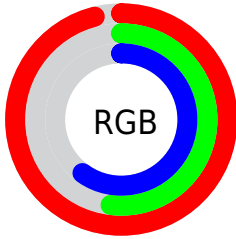
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 245, 132, 154 |
| Decimal | 16090266 |
| CIE _{Lab} | 68.20, 45.31, 7.88 |
| CIE _{LCh} | 68, 45.992, 9.863 |
| Yxy | 38.2481, 0.4132, 0.3055 |
| Android (android.graphics.Color) | 4294280346 (0xFFFF5849A) |
| YUV | 168.2950, -7.0474, 67.2703 |
| Hunter-Lab | 61.8450, 41.1061, 9.5194 |

Details

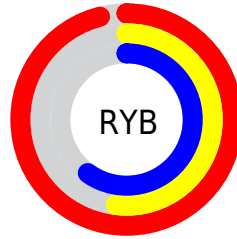
The YUV color **168.2950, -7.0474, 67.2703** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **208.7050, 7.0474, -67.2703**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7260, -0.8509, 39.7053**, and **113.7290, -5.2894, 63.3817** is the 20% darker color. If you saturate the color by 10%, you get **151.9270, -8.8380, 81.6250**, and if you desaturate by 10%, it is **185.2500, -5.5462, 52.4008**.

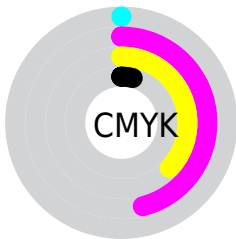
Distribution



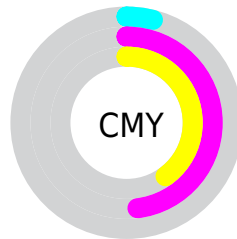
- Red (96%)
- Green (52%)
- Blue (60%)



- Red (96%)
- Yellow (52%)
- Blue (60%)



- Cyan (0%)
- Magenta (46%)
- Yellow (37%)
- Black (4%)



- Cyan (4%)
- Magenta (48%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.2950, -7.0474, 67.2703 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 168.2950, -7.0474, 67.2703 by changing the saturation by 10% instead.

 168.2950, -7.0474,
67.2703


 168.2950, -7.0474,
67.2703

255.0000, 0.0000,
0.0000


 140.5120, -6.1684,
65.3260


 209.7260, -0.8509,
39.7053

 113.7290, -5.2894,
63.3817


 229.9410, 2.9871,
21.9767

 87.0600, -3.9736,
61.3374

 249.1300, 2.8939,
5.1480

 58.7440, -1.3528,
60.7375

 33.8900, 0.5472,
57.9785

 23.3090, -5.0823,
43.5790

 14.5800, -6.2019,

29.3093

0.0000, 0.0000,
0.0000

168.2950, -7.0474,
67.2703

168.2950, -7.0474,
67.2703

151.9270, -8.8380,
81.6250

185.2500, -5.5462,
52.4008

135.0860, -9.9024,
96.3946

201.5040, -4.1925,
38.1460

118.7180,
-11.6930, 110.7493

218.4590, -2.6913,
23.2765

101.7630,
-13.1942, 125.6188

234.8270, -0.9007,
8.9217

85.3950, -14.9847,
139.9736

251.7820, 0.6005,
-5.9478

■ 78.7270, -15.1484,
145.8214

■ 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.



170.3480, 12.6464, 50.5608



168.2950, -7.0474, 67.2703



166.7510, -25.5132, 63.3624

Triad

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



168.2950, -7.0474, 67.2703



156.2400, -27.7263, -20.3815



132.3020, 55.0671, -116.0289

Complementary

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



168.2950, -7.0474, 67.2703



208.7050, 7.0474, -67.2703

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.



134.0340, 41.3952, -117.5478



168.2950, -7.0474, 67.2703



147.1110, -5.4777, -63.2413

Square

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



168.2950, -7.0474, 67.2703



161.1860, -39.0387, 14.7459



130.7620, 23.7813, -114.6783



162.4910, 42.1559, -34.6336

Rectangle

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



168.2950, -7.0474, 67.2703



165.5680, -34.7900, 52.1219



130.7620, 23.7813, -114.6783



133.2650, 51.1414, -116.8734

Sweetspot

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



168.2950, -7.0474, 67.2703



230.5620, -2.2491, 21.4321



171.7920, 36.0915, 44.0324



113.0340, -1.4958, 13.1252



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.



168.2950, -7.0474, 67.2703



159.9380, -8.8434, 83.3694



185.7450, -26.4963, 51.9666



113.9300, -0.4585, 7.0774



59.7180, -11.6930, 110.7493



18.8950, -3.8922, 35.1721

Inverse Universe

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



168.2950, -7.0474, 67.2703



159.9380, -8.8434, 83.3694



191.2550, 26.4963, -51.9666



113.9300, -0.4585, 7.0774



59.7180, -11.6930, 110.7493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 168.2950, -7.0474, 67.2703 looks on a white background.

Color Contrast Check

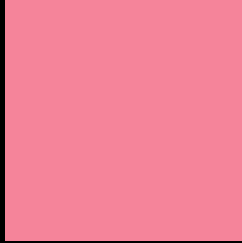
Large Text (above 18pt) WCAG AA × Fail

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 168.2950, -7.0474, 67.2703 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.2950, -7.0474, 67.2703

Background



This preview shows how black text looks on a background with the YUV color 168.2950, -7.0474, 67.2703.



This preview shows how white text looks on a background with the YUV color 168.2950, -7.0474,

67.2703.

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

168.2950, -7.0474, 67.2703

Protanopia

167.3960, 2.7628, 0.5297

Deuteranopia

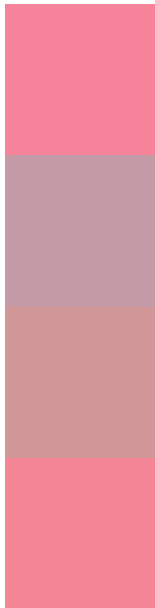
168.0040, -9.3690, 18.4135



Tritanopia

168.0300, -11.8468, 66.6257

Trichromacy



Original Color

168.2950, -7.0474, 67.2703

Protanomaly

167.9260, -0.9495, 24.6209

Deuteranomaly

167.7550, -8.2602, 36.1719

Tritanomaly

167.8990, -9.8102, 66.7406

Monochromacy



Original Color

168.2950, -7.0474, 67.2703

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1710, -2.5493, 24.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2950, -7.0474, 67.2703 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, 132, 154)` looks like.

```
.text, #text, p{  
    color:rgb(245, 132, 154)  
}
```

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, 132, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 132, 154) }
```

Border

The CSS property to change the border of an element to YUV 168.2950, -7.0474, 67.2703 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, 132, 154) }
```


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

```
.border{ border-color:rgb(245, 132, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 132, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 132, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 132, 154);  
box-shadow:4px 4px 4px 4px rgb(245, 132,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 168.2950, -7.0474, 67.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 132, 154) }
```

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

```
.background{ background-color: rgb(245,  
132, 154) }
```

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