

Converting Colors

YUV(159.7910, -9.2640,
78.2363)

Have a look what the booklet for
YUV(159.7910, -9.2640, 78.2363)
contains.

| | |
|--|----|
| YUV(159.7910, -9.2640, 78.2363) | 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(159.7910, -9.2640,
78.2363)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9768D |
| RGB | 249, 118, 141 |
| RGB Percent | 98%, 46%, 55% |
| CMY | 0.0235, 0.5373, 0.4471 |
| CMYK | 0.00, 0.53, 0.43, 0.02 |
| HSL | 349°, 92%, 72% |
| HSV | 349°, 53%, 98% |
| XYZ | 50.3531, 35.0197, 29.3049 |
| YIQ | 159.7910, 70.6930, 34.9250 |

Conversions

Conversions Part 2

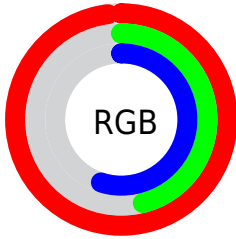
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 249, 118, 141 |
| Decimal | 16348813 |
| CIE _{Lab} | 65.76, 52.14, 11.84 |
| CIE _{LCh} | 66, 53.472, 12.797 |
| Y _{xy} | 35.0197, 0.4391, 0.3054 |
| Android (android.graphics.Color) | 4294538893 (0xFFFF9768D) |
| Y _{UV} | 159.7910, -9.2640, 78.2363 |
| Hunter-Lab | 59.1774, 48.3221, 12.0636 |

Details

The YUV color **159.7910, -9.2640, 78.2363** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **207.2090, 9.2640, -78.2363**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9120, -2.9146, 48.3122**, and **103.5670, -6.1955, 74.0477** is the 20% darker color. If you saturate the color by 10%, you get **142.7220, -11.2019, 93.2058**, and if you desaturate by 10%, it is **176.8600, -7.3260, 63.2668**.

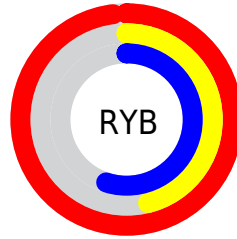
Distribution



Red (98%)

Green (46%)

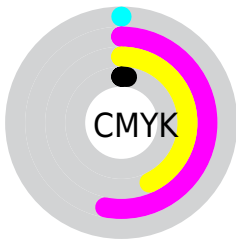
Blue (55%)



Red (98%)

Yellow (46%)

Blue (55%)

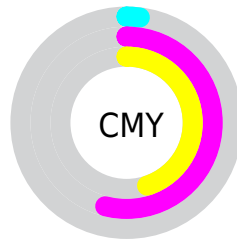


Cyan (0%)

Magenta (53%)

Yellow (43%)

Black (2%)



Cyan (2%)


Magenta (54%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.7910, -9.2640, 78.2363 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 159.7910, -9.2640, 78.2363 by changing the saturation by 10% instead.

 159.7910, -9.2640,
78.2363

 159.7910, -9.2640,
78.2363


255.0000, 0.0000,
0.0000


 132.1220, -7.9481,
76.1920


 199.9120, -2.9146,
48.3122


 103.5670, -6.1955,
74.0477


 220.1270, 0.9234,
30.5836

 75.2510, -3.5747,
73.4479

 240.4560, 5.1982,
12.7551

 44.1140, 0.9298,
75.3220

 33.1630, -3.5314,
59.4930

 21.8270, -10.7607,
44.8787

 13.9820, -5.9071,

28.0798

■ 0.0000, 0.0000,
0.0000

■ 159.7910, -9.2640,
78.2363

■ 159.7910, -9.2640,
78.2363

■ 142.7220,
-11.2019, 93.2058

■ 176.8600, -7.3260,
63.2668

■ 125.7670,
-12.7031, 108.0753

■ 193.8150, -5.8248,
48.3972

■ 108.6980,
-14.6411, 123.0449

■ 210.8840, -3.8868,
33.4277

■ 91.7430, -16.1423,
137.9144

■ 227.8390, -2.3856,
18.5582

■ 79.4670, -17.4852,
148.6804

■ 244.9080, -0.4476,
3.5887

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



163.1260, 12.7559, 62.1565



159.7910, -9.2640, 78.2363



158.2420, -30.1923, 70.8248

Triad

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



159.7910, -9.2640, 78.2363



146.6150, -29.8832, -28.6034



130.1650, 59.5717, -114.1547

Complementary

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



159.7910, -9.2640, 78.2363



207.2090, 9.2640, -78.2363

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.



131.7830, 45.4630, -115.5737



159.7910, -9.2640, 78.2363



124.6440, 2.6405, -100.5428

Square

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



159.7910, -9.2640, 78.2363



153.1550, -45.4324, 12.1421



128.4140, 24.9389, -112.6191



155.3750, 48.1291, -37.1629

Rectangle

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



159.7910, -9.2640, 78.2363



157.2820, -41.0580, 55.8807



128.4140, 24.9389, -112.6191



131.1280, 55.6459, -114.9993

Sweetspot

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



159.7910, -9.2640, 78.2363



227.0570, -2.9861, 24.5060



164.9270, 41.4480, 52.6840



111.0450, -1.5012, 14.8695



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.



159.7910, -9.2640, 78.2363



145.4450, -11.0654, 96.0797



181.2360, -31.1753, 59.4290



116.2290, -0.6059, 7.6922



60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016

Inverse Universe

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



159.7910, -9.2640, 78.2363



145.4450, -11.0654, 96.0797



185.7640, 31.1753, -59.4290



116.2290, -0.6059, 7.6922



60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 159.7910, -9.2640, 78.2363 looks on a white background.

Color Contrast Check

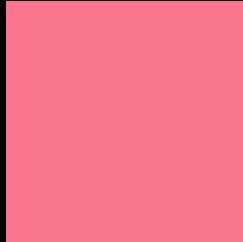
Large Text (above 18pt) WCAG AA × Fail

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 159.7910, -9.2640, 78.2363 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 159.7910, -9.2640, 78.2363

Background



This preview shows how black text looks on a background with the YUV color 159.7910, -9.2640, 78.2363.



This preview shows how white text looks on a background with the YUV color 159.7910, -9.2640,

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

159.7910, -9.2640, 78.2363

Protanopia

160.3530, 1.3050, 1.4444

Deuteranopia

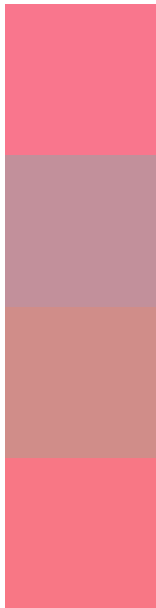
160.8040, -12.7214, 20.3429



Tritanopia

159.2980, -14.9369, 77.7917

Trichromacy



Original Color

159.7910, -9.2640, 78.2363

Protanomaly

160.2040, -2.5656, 29.6391

Deuteranomaly

160.5770, -11.6235, 41.5900

Tritanomaly

159.1670, -12.9003, 77.9065

Monochromacy



Original Color

159.7910, -9.2640, 78.2363

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9650, -3.4337, 28.0947

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7910, -9.2640, 78.2363 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(249, 118, 141)` looks like.

```
.text, #text, p{  
    color:rgb(249, 118, 141)  
}
```

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(249, 118, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 118, 141) }
```

Border

The CSS property to change the border of an element to YUV 159.7910, -9.2640, 78.2363 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(249, 118, 141) }
```


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

```
.border{ border-color:rgb(249, 118, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 118, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 118, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 118, 141);  
box-shadow:4px 4px 4px 4px rgb(249, 118,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 159.7910, -9.2640, 78.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 118, 141) }
```

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

```
.background{ background-color: rgb(249,  
118, 141) }
```

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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