

Converting Colors

YUV(159.4260, -5.6330,
80.3104)

Have a look what the booklet for
YUV(159.4260, -5.6330, 80.3104)
contains.

YUV(159.4260, -5.6330, 80.3104)	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(159.4260, -5.6330,
80.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	FB7394
RGB	251, 115, 148
RGB Percent	98%, 45%, 58%
CMY	0.0157, 0.5490, 0.4196
CMYK	0.00, 0.54, 0.41, 0.02
HSL	345°, 94%, 72%
HSV	345°, 54%, 98%
XYZ	51.2597, 34.9088, 32.0534
YIQ	159.4260, 70.4630, 39.0950

Conversions

Conversions Part 2

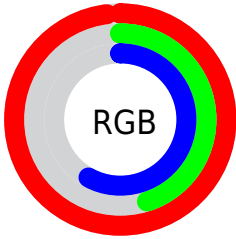
Format	Color
RYB	251, 115, 148
Decimal	16479124
CIELab	65.68, 54.93, 7.78
CIELCh	66, 55.478, 8.059
Yxy	34.9088, 0.4336, 0.2953
Android (android.graphics.Color)	4294669204 (0xFFFB7394)
YUV	159.4260, -5.6330, 80.3104
Hunter-Lab	59.0837, 51.4662, 9.1933

Details

The YUV color **159.4260, -5.6330, 80.3104** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **206.5740, 5.6330, -80.3104**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6500, 1.1586, 48.5420**, and **102.6150, -2.2752, 76.6366** is the 20% darker color. If you saturate the color by 10%, you get **142.5850, -6.6974, 95.0800**, and if you desaturate by 10%, it is **176.2670, -4.5686, 65.5408**.

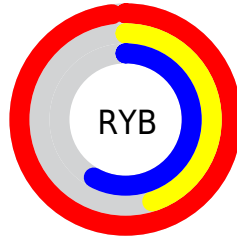
Distribution



Red (98%)

Green (45%)

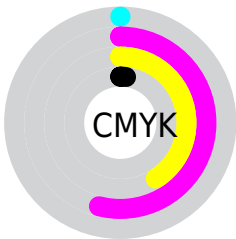
Blue (58%)



Red (98%)

Yellow (45%)

Blue (58%)

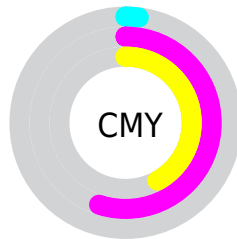


Cyan (0%)

Magenta (54%)

Yellow (41%)

Black (2%)



Cyan (2%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.4260, -5.6330, 80.3104 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 159.4260, -5.6330, 80.3104 by changing the saturation by 10% instead.


 159.4260, -5.6330,
80.3104


 159.4260, -5.6330,
80.3104

255.0000, 0.0000,
0.0000


 130.7570, -4.3172,
78.2661

 199.6500, 1.1586,
48.5420


 102.6150, -2.2752,
76.6366


 219.2780, 5.2859,
31.3282

 72.4240, 0.7770,
77.6812

 239.1510, 7.8136,
13.8996

 45.3960, 3.2558,
75.9517

 34.3310, -1.6422,
60.2227

 22.9950, -8.8715,
45.6084

 14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 159.4260, -5.6330,
80.3104

■ 159.4260, -5.6330,
80.3104

■ 142.5850, -6.6974,
95.0800

■ 176.2670, -4.5686,
65.5408

■ 125.7440, -7.7618,
109.8495

■ 193.1080, -3.5042,
50.7713

■ 108.9030, -8.8262,
124.6191

■ 209.9490, -2.4399,
36.0017

■ 92.0620, -9.8906,
139.3886

■ 226.7900, -1.3755,
21.2322

■ 82.0030, -10.3545,
148.2104

■ 244.2180, -0.6005,
5.9478

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



163.2550, 17.1293, 59.4124



159.4260, -5.6330, 80.3104



157.8450, -28.0246, 75.5579

Triad

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



159.4260, -5.6330, 80.3104



147.0950, -34.5568, -22.8853



131.3390, 58.9929, -115.1843

Complementary

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



159.4260, -5.6330, 80.3104



206.5740, 5.6330, -80.3104

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.



131.9140, 43.4264, -115.6886



159.4260, -5.6330, 80.3104



129.7940, -4.8284, -84.8883

Square

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



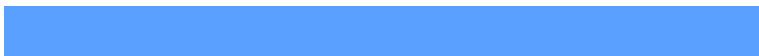
159.4260, -5.6330, 80.3104



152.6890, -48.6537, 18.6897



127.6160, 21.8813, -111.9192



149.9000, 51.8143, -52.5323

Rectangle

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



159.4260, -5.6330, 80.3104



157.1410, -40.4955, 62.1433



127.6160, 21.8813, -111.9192



132.1880, 54.6303, -115.9289

Sweetspot

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



159.4260, -5.6330, 80.3104



227.3990, -1.6757, 24.2061



161.0020, 44.3690, 49.1102



111.1590, -1.0644, 14.7696



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.



159.4260, -5.6330, 80.3104



143.1940, -6.9976, 98.0539



175.6220, -29.8866, 66.1065



116.2290, -0.6059, 7.6922



61.7550, -7.7672, 111.5939



19.9490, -2.4399, 36.0017

Inverse Universe

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



159.4260, -5.6330, 80.3104



143.1940, -6.9976, 98.0539



190.3780, 29.8866, -66.1065



116.2290, -0.6059, 7.6922



61.7550, -7.7672, 111.5939



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 159.4260, -5.6330, 80.3104 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 159.4260, -5.6330, 80.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

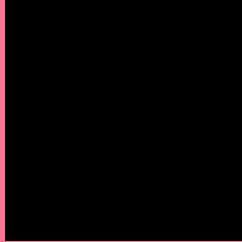
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.4260, -5.6330, 80.3104

Background



This preview shows how black text looks on a background with the YUV color 159.4260, -5.6330, 80.3104.



This preview shows how white text looks on a background with the YUV color 159.4260, -5.6330,

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

159.4260, -5.6330, 80.3104

Protanopia

160.5960, 6.1152, -1.3997

Deuteranopia

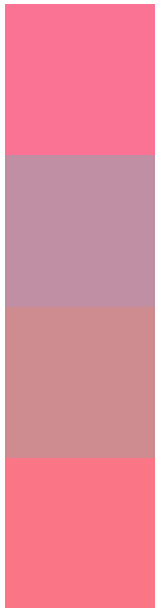
161.0040, -9.3690, 18.4135



Tritanopia

158.7820, -15.6685, 79.1212

Trichromacy



Original Color

159.4260, -5.6330, 80.3104

Protanomaly

160.0450, 1.9498, 28.0245

Deuteranomaly

160.4890, -8.1291, 40.7901

Tritanomaly

159.4060, -12.0322, 79.4509

Monochromacy



Original Color

159.4260, -5.6330, 80.3104

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0190, -1.9814, 28.9243

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4260, -5.6330, 80.3104 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(251, 115, 148)` looks like.

```
.text, #text, p{  
    color:rgb(251, 115, 148)  
}
```

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(251, 115, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 115, 148) }
```

Border

The CSS property to change the border of an element to YUV 159.4260, -5.6330, 80.3104 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(251, 115, 148) }
```


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

```
.border{ border-color:rgb(251, 115, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 115, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 115, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 115, 148);  
box-shadow:4px 4px 4px 4px rgb(251, 115,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 159.4260, -5.6330, 80.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 115, 148) }
```

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

```
.background{ background-color: rgb(251,  
115, 148) }
```

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