

Converting Colors

YIQ(155.3630, 58.7200, 70.2080)

Have a look what the booklet for
YIQ(155.3630, 58.7200, 70.2080)
contains.

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Color

**YIQ(155.3630, 58.7200,
70.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5ED2
RGB	255, 94, 210
RGB Percent	100%, 37%, 82%
CMY	0.0000, 0.6316, 0.1763
CMYK	0.00, 0.63, 0.18, 0.00
HSL	317°, 100%, 68%
HSV	317°, 63%, 100%
XYZ	56.8741, 33.9084, 64.5440
YIQ	155.3630, 58.7200, 70.2080

Conversions

Conversions Part 2

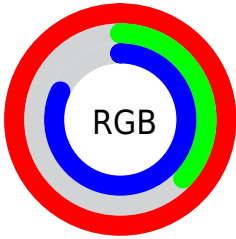
Format	Color
R _{YB}	255, 94, 210
Decimal	16735954
CIE _{Lab}	64.89, 72.67, -28.54
CIE _{LCh}	65, 78.077, 338.558
Yxy	33.9084, 0.3662, 0.2183
Android (android.graphics.Color)	4294926034 (0xFFFF5ED2)
YUV	155.3630, 26.9360, 87.3816
Hunter-Lab	58.2309, 72.4368, -24.9563

Details

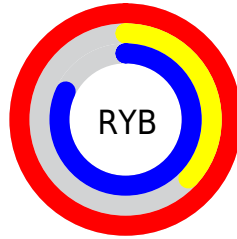
The YIQ color **155.3630, 58.7200, 70.2080** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **193.6370, -58.7200, -70.2080**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1260, 28.0500, 53.3460**, and **88.3020, 60.6900, 78.5620** is the 20% darker color. If you saturate the color by 10%, you get **139.3030, 68.1170, 81.6290**, and if you desaturate by 10%, it is **170.8360, 49.5980, 59.3100**.

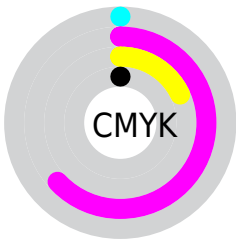
Distribution



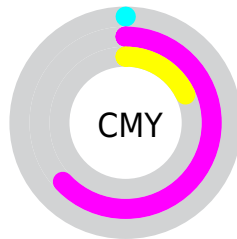
- Red (100%)
- Green (37%)
- Blue (82%)



- Red (100%)
- Yellow (37%)
- Blue (82%)



- Cyan (0%)
- Magenta (63%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.3630, 58.7200, 70.2080 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 YIQ color 155.3630, 58.7200, 70.2080 by changing the saturation by 10% instead.


 155.3630, 58.7200,
70.2080


 155.3630, 58.7200,
70.2080


255.0000, -0.0000,
-0.0000


 124.4170, 58.6280,
71.8760

 195.1260, 28.0500,
53.3460

 88.3020, 60.6900,
78.5620


 212.1490, 20.0750,
38.1790


 64.0410, 56.9310,
75.0990

 229.7590, 11.8250,
22.4890

 52.5200, 47.6720,
61.1760

 247.3690, 3.5750,
6.7990

 41.2980, 39.0090,
47.4650

 30.3040, 29.7040,
34.3760

 19.7230, 20.6740,

21.8100

■ 5.4680, 7.6100,
5.2580

■ 0.0000, 0.0000,
0.0000

■ 155.3630, 58.7200,
70.2080

■ 155.3630, 58.7200,
70.2080

■ 139.3030, 68.1170,
81.6290

■ 170.8360, 49.5980,
59.3100

■ 123.8300, 77.2390,
92.5270

■ 186.8960, 40.2010,
47.8890

■ 107.7700, 86.6360,
103.9480

■ 202.3690, 31.0790,
36.9910

■ 97.2210, 92.9160,
111.2840

■ 218.5430, 21.3610,
25.8810

234.0160, 12.2390,
14.9830

250.0760, 2.8420,
3.5620

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



159.8090, -7.6660, 50.8460



155.3630, 58.7200, 70.2080



138.5780, 85.3150, 56.2830

Triad

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



155.3630, 58.7200, 70.2080



145.6360, 57.6410, -47.9510



137.4710, -129.4280, -22.2280

Complementary

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



155.3630, 58.7200, 70.2080



193.6370, -58.7200, -70.2080

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.



131.0070, -108.4710, -44.1110



155.3630, 58.7200, 70.2080



135.1970, -1.6390, -63.9350

Square

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



155.3630, 58.7200, 70.2080



147.7160, 99.3590, -22.0570



120.9240, -84.2130, -65.2450



134.1430, -131.0800, -14.3120

Rectangle

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



155.3630, 58.7200, 70.2080



141.0790, 96.1850, 35.4890



120.9240, -84.2130, -65.2450



135.7780, -123.2830, -28.9710

Sweetspot

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



155.3630, 58.7200, 70.2080



225.2280, 17.6940, 20.7500



125.2110, -26.0530, 59.1870



109.3640, 11.1390, 12.8910



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.



155.3630, 58.7200, 70.2080



134.9660, 70.6840, 84.6680



146.4710, 83.7580, 45.9500



119.9130, 4.8590, 5.5550



72.8410, 69.5380, 83.4100



24.3800, 23.3780, 27.8740

Inverse Universe

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



155.3630, 58.7200, 70.2080



134.9660, 70.6840, 84.6680



202.5290, -83.7580, -45.9500



119.9130, 4.8590, 5.5550



72.8410, 69.5380, 83.4100



24.3800, 23.3780, 27.8740

Previews

White Background



This preview shows how the YIQ color 155.3630, 58.7200, 70.2080 looks on a white background.

Color Contrast Check

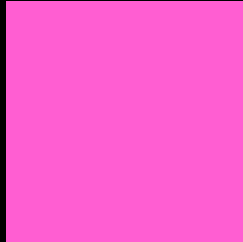
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 155.3630, 58.7200, 70.2080 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](#).

YIQ 155.3630, 58.7200, 70.2080

Background



This preview shows how black text looks on a background with the YIQ color 155.3630, 58.7200, 70.2080.



This preview shows how white text looks on a background with the YIQ color 155.3630, 58.7200,

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

155.3630, 58.7200, 70.2080

Protanopia

155.3370, -54.1520, 23.2560

Deuteranopia

158.7490, -17.7460, 13.2460



Tritanopia

156.0810, 75.5080, 30.2600

Trichromacy



Original Color

155.3630, 58.7200, 70.2080



Protanomaly

155.5490, -13.1660, 40.3860



Deuteranomaly

157.5390, 9.9890, 33.7410



Tritanomaly

155.8160, 69.5450, 44.7210

Monochromacy



Original Color

155.3630, 58.7200, 70.2080



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

155.1300, 21.0860, 25.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.3630, 58.7200, 70.2080 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(255, 94, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 210)  
}
```

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(255, 94, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 210) }
```

Border

The CSS property to change the border of an element to YIQ 155.3630, 58.7200, 70.2080 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(255, 94, 210) }
```


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

```
.border{ border-color:rgb(255, 94, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 155.3630, 58.7200, 70.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 210) }
```

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

```
.background{ background-color: rgb(255, 94,  
210) }
```

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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