

Converting Colors

YIQ(155.3410, 55.7860, 68.3140)

Have a look what the booklet for
YIQ(155.3410, 55.7860, 68.3140)
contains.

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Color

**YIQ(155.3410, 55.7860,
68.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	FB60D2
RGB	251, 96, 210
RGB Percent	98%, 38%, 82%
CMY	0.0152, 0.6238, 0.1763
CMYK	0.00, 0.62, 0.16, 0.02
HSL	316°, 95%, 68%
HSV	316°, 62%, 98%
XYZ	55.6381, 33.5388, 64.5361
YIQ	155.3410, 55.7860, 68.3140

Conversions

Conversions Part 2

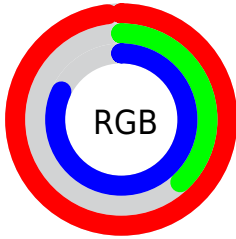
Format	Color
R _Y B	251, 96, 210
Decimal	16474322
CIE Lab	64.59, 70.87, -29.04
CIE LCh	65, 76.591, 337.715
Yxy	33.5388, 0.3620, 0.2182
Android (android.graphics.Color)	4294664402 (0xFFFB60D2)
YUV	155.3410, 26.9469, 83.8929
Hunter-Lab	57.9127, 70.1420, -25.5321

Details

The YIQ color **155.3410, 55.7860, 68.3140** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **191.6590, -55.7860, -68.3140**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 27.7750, 52.8230**, and **90.6280, 56.6560, 74.5760** is the 20% darker color. If you saturate the color by 10%, you get **139.8680, 64.9080, 79.2120**, and if you desaturate by 10%, it is **170.8140, 46.6640, 57.4160**.

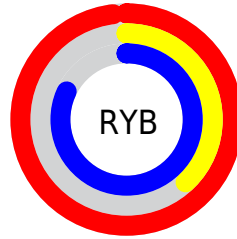
Distribution



Red (98%)

Green (38%)

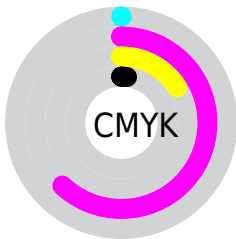
Blue (82%)



Red (98%)

Yellow (38%)

Blue (82%)

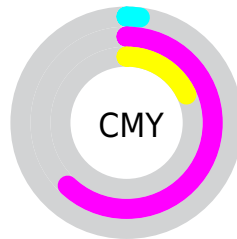


Cyan (0%)

Magenta (62%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (62%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.3410, 55.7860, 68.3140 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 155.3410, 55.7860, 68.3140 by changing the saturation by 10% instead.


 155.3410, 55.7860,
68.3140


 155.3410, 55.7860,
68.3140


255.0000, -0.0000,
-0.0000


 124.9820, 55.4190,
69.4590


 195.7130, 27.7750,
52.8230

 90.6280, 56.6560,
74.5760


 212.7360, 19.8000,
37.6560

 63.1440, 55.1430,
74.4630

 230.3460, 11.5500,
21.9660

 51.6230, 45.8840,
60.5400

 247.9560, 3.3000,
6.2760

 40.4010, 37.2210,
46.8290

 29.4070, 27.9160,
33.7400

 18.8260, 18.8860,

21.1740

■ 3.3750, 3.4380,
3.7740

■ 0.0000, 0.0000,
0.0000

■ 155.3410, 55.7860,
68.3140

■ 155.3410, 55.7860,
68.3140

■ 139.8680, 64.9080,
79.2120

■ 170.8140, 46.6640,
57.4160

■ 124.5090, 73.7090,
90.4210

■ 186.1730, 37.8630,
46.2070

■ 109.0360, 82.8310,
101.3190

■ 201.6460, 28.7410,
35.3090

■ 96.1390, 90.2110,
110.7470

■ 217.1190, 19.6190,
24.4110

232.4780, 10.8180,
13.2020

248.5380, 1.4210,
1.7810

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



159.2000, -10.3250, 49.4750



155.3410, 55.7860, 68.3140



139.9800, 84.1230, 55.8590

Triad

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



155.3410, 55.7860, 68.3140



144.7610, 58.7870, -46.6930



136.4280, -127.8690, -22.9490

Complementary

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



155.3410, 55.7860, 68.3140



191.6590, -55.7860, -68.3140

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.



130.0780, -107.2330, -44.5210



155.3410, 55.7860, 68.3140



135.6210, 0.1030, -62.4650

Square

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



155.3410, 55.7860, 68.3140



146.8300, 99.0380, -21.7460



119.6360, -83.3420, -64.5100



133.5560, -130.8050, -13.7890

Rectangle

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



155.3410, 55.7860, 68.3140



141.3070, 95.5430, 36.1110



119.6360, -83.3420, -64.5100



134.7350, -121.7240, -29.6920

Sweetspot

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



155.3410, 55.7860, 68.3140



225.3420, 17.3730, 21.0610



125.3310, -26.5110, 56.4730



109.4780, 10.8180, 13.2020



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.



155.3410, 55.7860, 68.3140



138.3570, 68.0250, 83.2970



146.7910, 79.8610, 44.9890



117.0270, 4.5380, 5.8660



72.3570, 68.0250, 83.2970



23.3690, 21.9110, 26.9270

Inverse Universe

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



155.3410, 55.7860, 68.3140



138.3570, 68.0250, 83.2970



200.2090, -79.8610, -44.9890



117.0270, 4.5380, 5.8660



72.3570, 68.0250, 83.2970



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 155.3410, 55.7860, 68.3140 looks on a white background.

Color Contrast Check

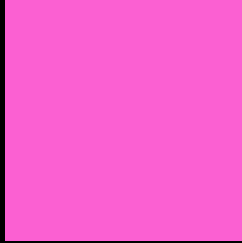
Large Text (above 18pt) WCAG AA × Fail

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 155.3410, 55.7860, 68.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

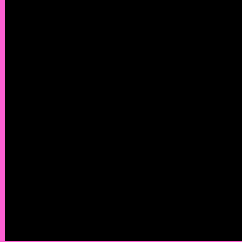
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.3410, 55.7860, 68.3140

Background



This preview shows how black text looks on a background with the YIQ color 155.3410, 55.7860, 68.3140.



This preview shows how white text looks on a background with the YIQ color 155.3410, 55.7860,

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

155.3410, 55.7860, 68.3140

Protanopia

154.4510, -54.4730, 23.5670

Deuteranopia

157.8630, -18.0670, 13.5570



Tritanopia

156.2870, 71.9320, 28.9880

Trichromacy



Original Color

155.3410, 55.7860, 68.3140



Protanomaly

154.9510, -14.3580, 39.9620



Deuteranomaly

156.9410, 8.7970, 33.3170



Tritanomaly

156.0220, 65.9690, 43.4490

Monochromacy



Original Color

155.3410, 55.7860, 68.3140



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

155.4180, 20.2150, 24.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.3410, 55.7860, 68.3140 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, 96, 210)` looks like.

```
.text, #text, p{  
    color:rgb(251, 96, 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(251, 96, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 96, 210) }
```

Border

The CSS property to change the border of an element to YIQ 155.3410, 55.7860, 68.3140 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, 96, 210) }
```


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

```
.border{ border-color:rgb(251, 96, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 96, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 96, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 96, 210);  
box-shadow:4px 4px 4px 4px rgb(251, 96,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 155.3410, 55.7860, 68.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 96, 210) }
```

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

```
.background{ background-color: rgb(251, 96,  
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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