

Converting Colors

YIQ(158.8010, 56.7060, 51.6340)

Have a look what the booklet for
YIQ(158.8010, 56.7060, 51.6340)
contains.

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Color

**YIQ(158.8010, 56.7060,
51.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	F56EB8
RGB	245, 110, 184
RGB Percent	96%, 43%, 72%
CMY	0.0388, 0.5688, 0.2783
CMYK	0.00, 0.55, 0.25, 0.04
HSL	327°, 87%, 70%
HSV	327°, 55%, 96%
XYZ	51.9149, 34.0315, 49.2034
YIQ	158.8010, 56.7060, 51.6340

Conversions

Conversions Part 2

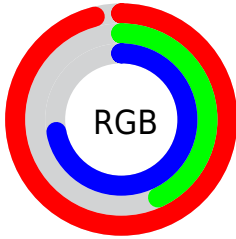
Format	Color
R _Y B	245, 110, 184
Decimal	16084664
CIE Lab	64.99, 59.63, -13.84
CIE LCh	65, 61.217, 346.931
Yxy	34.0315, 0.3841, 0.2518
Android (android.graphics.Color)	4294274744 (0xFFFF56EB8)
YUV	158.8010, 12.4231, 75.5965
Hunter-Lab	58.3365, 56.7622, -9.1721

Details

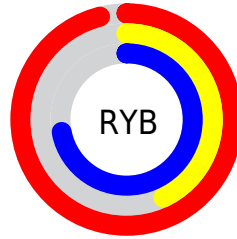
The YIQ color **158.8010, 56.7060, 51.6340** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **196.1990, -56.7060, -51.6340**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0470, 29.2900, 41.8820**, and **101.6590, 54.2300, 52.4540** is the 20% darker color. If you saturate the color by 10%, you get **142.8720, 67.1120, 61.2880**, and if you desaturate by 10%, it is **174.1430, 46.5750, 42.5030**.

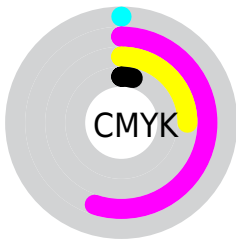
Distribution



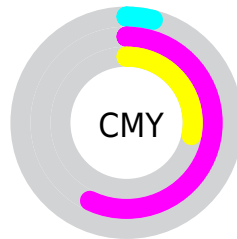
- Red (96%)
- Green (43%)
- Blue (72%)



- Red (96%)
- Yellow (43%)
- Blue (72%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)
- Black (4%)



- Cyan (4%)
- Magenta (57%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.8010, 56.7060, 51.6340 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 158.8010, 56.7060, 51.6340 by changing the saturation by 10% instead.

158.8010, 56.7060,
51.6340

158.8010, 56.7060,
51.6340

255.0000, -0.0000,
-0.0000

130.3170, 55.1930,
51.5210

201.0470, 29.2900,
41.8820

101.6590, 54.2300,
52.4540

219.7800, 16.5000,
31.3800

67.2450, 55.6960,
58.9280

236.8030, 8.5250,
16.2130

47.6200, 49.9660,
52.6380

253.8260, 0.5500,
1.0460

36.5120, 40.9820,
39.2380

26.0450, 31.6310,
26.9830

15.6490, 23.5180,

14.3180

■ 0.0000, 0.0000,
0.0000

■ 158.8010, 56.7060,
51.6340

■ 158.8010, 56.7060,
51.6340

■ 142.8720, 67.1120,
61.2880

■ 174.1430, 46.5750,
42.5030

■ 127.5300, 77.2430,
70.4190

■ 190.0720, 36.1690,
32.8490

■ 111.6010, 87.6490,
80.0730

■ 205.4140, 26.0380,
23.7180

■ 96.2590, 97.7800,
89.2040

■ 221.3430, 15.6320,
14.0640

■ 88.5310, 103.0060,
93.6140

■ 236.6850, 5.5010,
4.9330

251.4400, -4.3550,
-3.6750

252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



162.6720, 8.6570, 46.8730



158.8010, 56.7060, 51.6340



154.3470, 80.8710, 37.6950

Triad

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



158.8010, 56.7060, 51.6340



147.8850, 35.3110, -39.7370



133.2650, -125.8520, -20.9560

Complementary

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



158.8010, 56.7060, 51.6340



196.1990, -56.7060, -51.6340

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.



129.4400, -110.9480, -37.7640



158.8010, 56.7060, 51.6340



139.8260, -18.9270, -47.9750

Square

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



158.8010, 56.7060, 51.6340



152.1980, 68.8230, -19.3130



122.3550, -92.3760, -54.9680



129.4470, -128.8800, -10.1280

Rectangle

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



158.8010, 56.7060, 51.6340



154.8460, 86.0550, 20.8310



122.3550, -92.3760, -54.9680



132.1420, -121.3120, -26.1440

Sweetspot

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



158.8010, 56.7060, 51.6340



227.4790, 18.2450, 16.2690



143.6290, -6.9790, 54.9170



111.3700, 11.0020, 9.8660



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.



158.8010, 56.7060, 51.6340



147.7200, 70.5960, 64.2280



151.1630, 78.2130, 30.7970



114.3860, 4.9050, 4.7210



67.2420, 78.1140, 71.1540



21.2890, 24.8920, 22.4600

Inverse Universe

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



158.8010, 56.7060, 51.6340



147.7200, 70.5960, 64.2280



203.8370, -78.2130, -30.7970



114.3860, 4.9050, 4.7210



67.2420, 78.1140, 71.1540



21.2890, 24.8920, 22.4600

Previews

White Background



This preview shows how the YIQ color 158.8010, 56.7060, 51.6340 looks on a white background.

Color Contrast Check

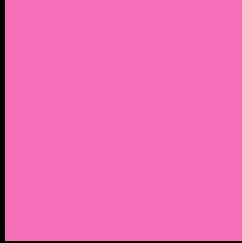
Large Text (above 18pt) WCAG AA × Fail

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 158.8010, 56.7060, 51.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

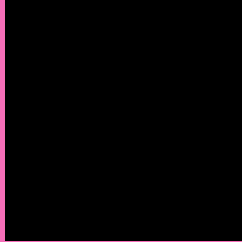
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.8010, 56.7060, 51.6340

Background



This preview shows how black text looks on a background with the YIQ color 158.8010, 56.7060, 51.6340.



This preview shows how white text looks on a background with the YIQ color 158.8010, 56.7060,

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

158.8010, 56.7060, 51.6340

Protanopia

158.0560, -28.7960, 15.2680

Deuteranopia

159.9110, -0.8270, 9.4850



Tritanopia

158.1940, 67.7600, 27.5040

Trichromacy



Original Color

158.8010, 56.7060, 51.6340



Protanomaly

158.0710, 2.3790, 28.4830



Deuteranomaly

159.5320, 19.8940, 24.9340



Tritanomaly

158.7240, 63.6320, 36.2400

Monochromacy



Original Color

158.8010, 56.7060, 51.6340



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.7290, 20.5370, 18.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.8010, 56.7060, 51.6340 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, 110, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 110, 184)  
}
```

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, 110, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 110, 184) }
```

Border

The CSS property to change the border of an element to YIQ 158.8010, 56.7060, 51.6340 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, 110, 184) }
```


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

```
.border{ border-color:rgb(245, 110, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 110, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 110, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 110, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 110,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 158.8010, 56.7060, 51.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 110, 184) }
```

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

```
.background{ background-color: rgb(245,  
110, 184) }
```

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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