

Converting Colors

YIQ(155.0420, 46.0220, 58.0380)

Have a look what the booklet for
YIQ(155.0420, 46.0220, 58.0380)
contains.

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Color

**YIQ(155.0420, 46.0220,
58.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	EB69CB
RGB	235, 105, 203
RGB Percent	92%, 41%, 80%
CMY	0.0781, 0.5884, 0.2038
CMYK	0.00, 0.55, 0.14, 0.08
HSL	315°, 77%, 67%
HSV	315°, 55%, 92%
XYZ	50.1209, 32.0834, 60.0680
YIQ	155.0420, 46.0220, 58.0380

Conversions

Conversions Part 2

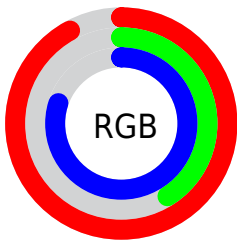
Format	Color
R _Y B	235, 105, 203
Decimal	15428043
CIE Lab	63.41, 61.66, -27.11
CIE LCh	63, 67.358, 336.264
Yxy	32.0834, 0.3523, 0.2255
Android (android.graphics.Color)	4293618123 (0xFFEB69CB)
YUV	155.0420, 23.6433, 70.1232
Hunter-Lab	56.6422, 58.8251, -23.2263

Details

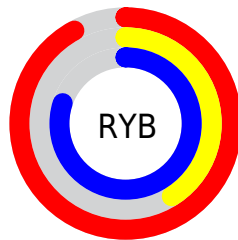
The YIQ color **155.0420, 46.0220, 58.0380** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **184.9580, -46.0220, -58.0380**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8220, 25.8500, 49.1620**, and **97.1990, 44.1420, 59.0700** is the 20% darker color. If you saturate the color by 10%, you get **140.2700, 54.5480, 68.7240**, and if you desaturate by 10%, it is **169.2270, 37.7710, 47.8750**.

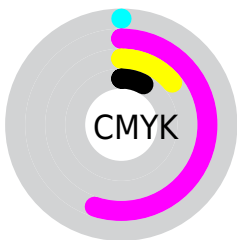
Distribution



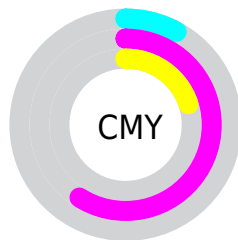
- Red (92%)
- Green (41%)
- Blue (80%)



- Red (92%)
- Yellow (41%)
- Blue (80%)



- Cyan (0%)
- Magenta (55%)
- Yellow (14%)
- Black (8%)





- Cyan (8%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.0420, 46.0220, 58.0380 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 155.0420, 46.0220, 58.0380 by changing the saturation by 10% instead.


 155.0420, 46.0220,
58.0380


 155.0420, 46.0220,
58.0380


255.0000, -0.0000,
-0.0000

 126.4440, 44.8300,
57.6140


 199.8220, 25.8500,
49.1620


 97.1990, 44.1420,
59.0700


 216.8450, 17.8750,
33.9950

 58.8610, 48.4500,
69.1060

 233.8680, 9.9000,
18.8280

 47.0520, 40.0620,
55.9180

 250.8910, 1.9250,
3.6610

 35.8300, 31.3990,
42.2070

 25.5480, 22.9650,
29.8530

 15.2660, 14.5310,

17.4990

■ 0.0000, 0.0000,
0.0000

■ 155.0420, 46.0220,
58.0380

■ 155.0420, 46.0220,
58.0380

■ 140.2700, 54.5480,
68.7240

■ 169.2270, 37.7710,
47.8750

■ 126.0850, 62.7990,
78.8870

■ 183.9990, 29.2450,
37.1890

■ 111.4270, 71.0040,
89.8840

■ 198.0700, 21.3150,
26.7150

■ 97.2420, 79.2550,
100.0470

■ 212.8420, 12.7890,
16.0290

■ 90.4430, 83.2430,
104.8670

■ 227.0270, 4.5380,
5.8660

■ 241.7990, -3.9880,
-4.8200

■ 247.7660, -8.3890,
-7.6610

■ 248.3360, -9.9940,
-6.1060

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



157.2270, -14.9550, 45.2770



155.0420, 46.0220, 58.0380



147.1380, 80.5020, 49.8940

Triad

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



155.0420, 46.0220, 58.0380



142.1140, 59.2910, -44.8130



131.0820, -121.0830, -24.7870

Complementary

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



155.0420, 46.0220, 58.0380



184.9580, -46.0220, -58.0380

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.



125.6440, -103.0150, -43.8710



155.0420, 46.0220, 58.0380



137.3260, 2.8520, -51.7080

Square

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



155.0420, 46.0220, 58.0380



148.1400, 83.9060, -11.8220



116.2280, -82.0130, -61.0610



130.6210, -129.4300, -11.1740

Rectangle

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



155.0420, 46.0220, 58.0380



146.8010, 91.0960, 34.1040



116.2280, -82.0130, -61.0610



129.6170, -115.5800, -30.9080

Sweetspot

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



155.0420, 46.0220, 58.0380



228.5050, 15.3560, 19.0680



128.7900, -23.8500, 46.7900



111.9400, 9.3970, 11.4210



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.



155.0420, 46.0220, 58.0380



151.7100, 59.3610, 75.1130



147.8600, 66.2450, 38.4450



110.2010, 3.9880, 4.8200



69.6230, 64.2200, 80.6680



20.7060, 19.3440, 23.8880

Inverse Universe

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



155.0420, 46.0220, 58.0380



151.7100, 59.3610, 75.1130



192.1400, -66.2450, -38.4450



110.2010, 3.9880, 4.8200



69.6230, 64.2200, 80.6680



20.7060, 19.3440, 23.8880

Previews

White Background



This preview shows how the YIQ color 155.0420, 46.0220, 58.0380 looks on a white background.

Color Contrast Check

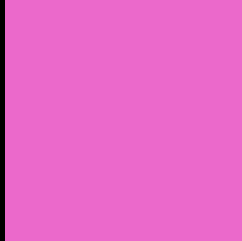
Large Text (above 18pt) WCAG AA × Fail

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 155.0420, 46.0220, 58.0380 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 155.0420, 46.0220, 58.0380

Background



This preview shows how black text looks on a background with the YIQ color 155.0420, 46.0220, 58.0380.



This preview shows how white text looks on a background with the YIQ color 155.0420, 46.0220,

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

155.0420, 46.0220, 58.0380

Protanopia

152.3610, -45.5320, 21.2200

Deuteranopia

154.8200, -16.5080, 12.8360



Tritanopia

154.7200, 60.2870, 25.2710

Trichromacy



Original Color

155.0420, 46.0220, 58.0380



Protanomaly

153.1590, -12.2480, 34.7600



Deuteranomaly

154.7510, 6.2760, 29.4440



Tritanomaly

155.0590, 55.3790, 37.1310

Monochromacy



Original Color

155.0420, 46.0220, 58.0380



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

155.0430, 16.7770, 20.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.0420, 46.0220, 58.0380 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(235, 105, 203)` looks like.

```
.text, #text, p{  
    color:rgb(235, 105, 203)  
}
```

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(235, 105, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 105, 203) }
```

Border

The CSS property to change the border of an element to YIQ 155.0420, 46.0220, 58.0380 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(235, 105, 203) }
```


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

```
.border{ border-color:rgb(235, 105, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 105, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 105, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 105, 203);  
box-shadow:4px 4px 4px 4px rgb(235, 105,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 155.0420, 46.0220, 58.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 105, 203) }
```

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

```
.background{ background-color: rgb(235,  
105, 203) }
```

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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