

Converting Colors

YIQ(155.6880, 38.0910, 53.0910)

Have a look what the booklet for
YIQ(155.6880, 38.0910, 53.0910)
contains.

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Color

**YIQ(155.6880, 38.0910,
53.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	E16FCC
RGB	225, 111, 204
RGB Percent	88%, 44%, 80%
CMY	0.1173, 0.5649, 0.1999
CMYK	0.00, 0.51, 0.09, 0.12
HSL	311°, 66%, 66%
HSV	311°, 51%, 88%
XYZ	47.6583, 31.7401, 60.7540
YIQ	155.6880, 38.0910, 53.0910

Conversions

Conversions Part 2

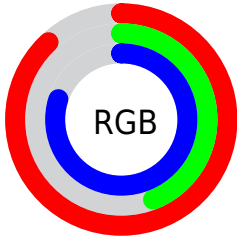
Format	Color
R _Y B	225, 111, 204
Decimal	14774220
CIE Lab	63.13, 56.16, -28.23
CIE LCh	63, 62.852, 333.315
Yxy	31.7401, 0.3400, 0.2265
Android (android.graphics.Color)	4292964300 (0xFFE16FCC)
YUV	155.6880, 23.8178, 60.7866
Hunter-Lab	56.3384, 52.4061, -24.5001

Details

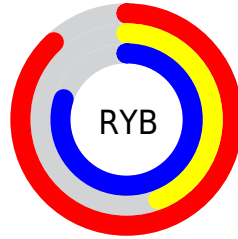
The YIQ color **155.6880, 38.0910, 53.0910** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **180.3120, -38.0910, -53.0910**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7570, 24.4750, 46.5470**, and **99.9050, 35.9820, 52.7660** is the 20% darker color. If you saturate the color by 10%, you get **141.7310, 45.7000, 63.8760**, and if you desaturate by 10%, it is **169.0580, 30.7570, 42.8290**.

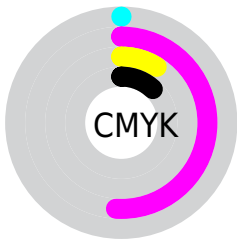
Distribution



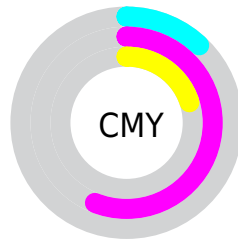
- Red (88%)
- Green (44%)
- Blue (80%)



- Red (88%)
- Yellow (44%)
- Blue (80%)



- Cyan (0%)
- Magenta (51%)
- Yellow (9%)
- Black (12%)





- Cyan (12%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.6880, 38.0910, 53.0910 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 155.6880, 38.0910, 53.0910 by changing the saturation by 10% instead.


 155.6880, 38.0910,
53.0910


 155.6880, 38.0910,
53.0910


255.0000, -0.0000,
-0.0000

 127.9760, 37.2200,
52.3560


 202.7570, 24.4750,
46.5470

 99.9050, 35.9820,
52.7660


 219.7800, 16.5000,
31.3800


 69.7850, 36.4400,
55.4800

 236.8030, 8.5250,
16.2130

 44.6600, 35.2940,
54.2220

253.8260, 0.5500,
1.0460

 33.8510, 26.9060,
41.0340

 23.7540, 19.3890,
28.5810

 13.1730, 10.3590,

16.0150

■ 0.0000, 0.0000,
0.0000

■ 155.6880, 38.0910,
53.0910

■ 155.6880, 38.0910,
53.0910

■ 141.7310, 45.7000,
63.8760

■ 169.0580, 30.7570,
42.8290

■ 128.3610, 53.0340,
74.1380

■ 183.0150, 23.1480,
32.0440

■ 114.4040, 60.6430,
84.9230

■ 196.3850, 15.8140,
21.7820

■ 100.9200, 68.2980,
94.8740

■ 210.4560, 7.8840,
11.3080

■ 88.2510, 75.0360,
104.9240

■ 224.4130, 0.2750,
0.5230

■ 237.7830, -7.0590,
-9.7390

■ 243.5220,
-10.8180, -13.2020

■ 243.9780,
-12.1020, -11.9580

■ 244.4340,
-13.3860, -10.7140

Harmonies

Analogous

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



155.8410, -19.8600, 40.5560



155.6880, 38.0910, 53.0910



150.4470, 75.1380, 47.9860

Triad

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



155.6880, 38.0910, 53.0910



144.5840, 55.3920, -34.7200



128.7680, -117.3230, -26.8510

Complementary

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



155.6880, 38.0910, 53.0910



180.3120, -38.0910, -53.0910

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.



123.0850, -99.9430, -44.4790



155.6880, 38.0910, 53.0910



139.0110, 8.3530, -46.7750

Square

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



155.6880, 38.0910, 53.0910



148.2630, 79.3660, -6.6340



114.7120, -80.5000, -60.9480



129.6920, -128.1920, -11.5840

Rectangle

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



155.6880, 38.0910, 53.0910



148.8760, 86.5110, 34.5990



114.7120, -80.5000, -60.9480



127.3030, -111.8200, -32.9720

Sweetspot

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



155.6880, 38.0910, 53.0910



231.8960, 12.6970, 17.6970



130.2750, -24.0780, 39.9060



113.9290, 7.9300, 10.4740



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.



155.6880, 38.0910, 53.0910



160.1220, 52.2090, 72.5690



149.1900, 56.3880, 35.3640



105.3150, 3.6670, 5.1310



68.9260, 58.9930, 81.7850



18.9120, 15.7680, 22.6160

Inverse Universe

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



155.6880, 38.0910, 53.0910



160.1220, 52.2090, 72.5690



186.8100, -56.3880, -35.3640



105.3150, 3.6670, 5.1310



68.9260, 58.9930, 81.7850



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 155.6880, 38.0910, 53.0910 looks on a white background.

Color Contrast Check

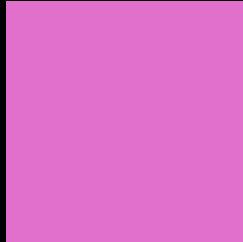
Large Text (above 18pt) WCAG AA × Fail

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 155.6880, 38.0910, 53.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

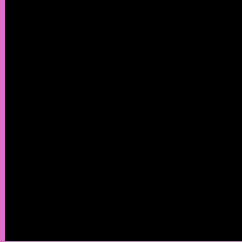
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.6880, 38.0910, 53.0910

Background



This preview shows how black text looks on a background with the YIQ color 155.6880, 38.0910, 53.0910.



This preview shows how white text looks on a background with the YIQ color 155.6880, 38.0910,

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

155.6880, 38.0910, 53.0910

Protanopia

151.6170, -43.3770, 20.7110

Deuteranopia

153.8630, -18.0670, 13.5570



Tritanopia

154.9360, 50.7510, 21.8790

Trichromacy



Original Color

155.6880, 38.0910, 53.0910



Protanomaly

153.2080, -13.9440, 32.4560



Deuteranomaly

154.6580, 2.1040, 27.9600



Tritanomaly

155.1610, 46.1640, 33.4280

Monochromacy



Original Color

155.6880, 38.0910, 53.0910



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

156.0210, 13.8430, 18.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.6880, 38.0910, 53.0910 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(225, 111, 204)` looks like.

```
.text, #text, p{  
    color:rgb(225, 111, 204)  
}
```

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(225, 111, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 111, 204) }
```

Border

The CSS property to change the border of an element to YIQ 155.6880, 38.0910, 53.0910 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(225, 111, 204) }
```


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

```
.border{ border-color:rgb(225, 111, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 111, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 111, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 111, 204);  
box-shadow:4px 4px 4px 4px rgb(225, 111,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 155.6880, 38.0910, 53.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 111, 204) }
```

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

```
.background{ background-color: rgb(225,  
111, 204) }
```

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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