

Converting Colors

YIQ(166.0410, 38.5950, 54.9710)

Have a look what the booklet for
YIQ(166.0410, 38.5950, 54.9710)
contains.

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Color

**YIQ(166.0410, 38.5950,
54.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	ED78D9
RGB	237, 120, 217
RGB Percent	93%, 47%, 85%
CMY	0.0702, 0.5296, 0.1489
CMYK	0.00, 0.49, 0.08, 0.07
HSL	310°, 77%, 70%
HSV	310°, 49%, 93%
XYZ	54.1915, 36.4514, 69.8388
YIQ	166.0410, 38.5950, 54.9710

Conversions

Conversions Part 2

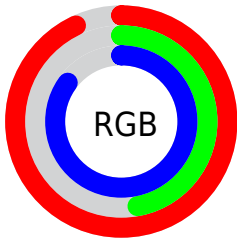
Format	Color
R _Y B	237, 120, 217
Decimal	15562969
CIE Lab	66.86, 57.43, -29.61
CIE LCh	67, 64.620, 332.724
Yxy	36.4514, 0.3377, 0.2271
Android (android.graphics.Color)	4293753049 (0xFFED78D9)
YUV	166.0410, 25.1228, 62.2310
Hunter-Lab	60.3750, 54.5622, -26.3213

Details

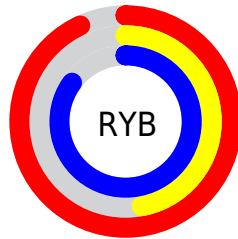
The YIQ color **166.0410, 38.5950, 54.9710** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **190.9590, -38.5950, -54.9710**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6270, 21.7250, 41.3170**, and **110.1440, 36.8070, 54.3350** is the 20% darker color. If you saturate the color by 10%, you get **151.4970, 46.4790, 66.2790**, and if you desaturate by 10%, it is **180.5850, 30.7110, 43.6630**.

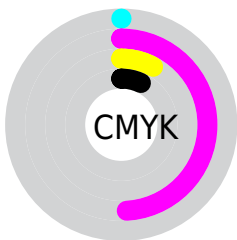
Distribution



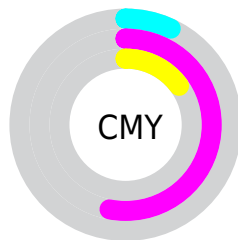
- Red (93%)
- Green (47%)
- Blue (85%)



- Red (93%)
- Yellow (47%)
- Blue (85%)



- Cyan (0%)
- Magenta (49%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.0410, 38.5950, 54.9710 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 166.0410, 38.5950, 54.9710 by changing the saturation by 10% instead.

 166.0410, 38.5950,
54.9710


 166.0410, 38.5950,
54.9710


255.0000, -0.0000,
-0.0000


 138.3290, 37.7240,
54.2360


 208.6270, 21.7250,
41.3170


 110.1440, 36.8070,
54.3350


 225.0630, 14.0250,
26.6730

 80.7850, 36.4400,
55.4800

 242.0860, 6.0500,
11.5060

 49.3170, 37.9980,
60.2860

 38.3940, 29.9310,
46.7870

 27.5850, 21.5430,
33.5990

 17.9010, 14.3010,

21.6690

■ 1.8240, -5.1360,
4.9760

■ 0.0000, 0.0000,
0.0000

■ 166.0410, 38.5950,
54.9710

■ 166.0410, 38.5950,
54.9710

■ 151.4970, 46.4790,
66.2790

■ 180.5850, 30.7110,
43.6630

■ 137.5400, 54.0880,
77.0640

■ 194.5420, 23.1020,
32.8780

■ 122.9960, 61.9720,
88.3720

■ 209.0860, 15.2180,
21.5700

■ 108.4520, 69.8560,
99.6800

■ 223.6300, 7.3340,
10.2620

93.9080, 77.7400,
110.9880

238.1740, -0.5500,
-1.0460

93.2070, 78.3360,
111.2000

248.0220, -6.2340,
-8.1700

248.4780, -7.5180,
-6.9260

249.0480, -9.1230,
-5.3710

249.5040,
-10.4070, -4.1270

Harmonies

Analogous

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



165.0150, -20.4100, 39.5100



166.0410, 38.5950, 54.9710



157.2940, 71.1950, 47.8590

Triad

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



166.0410, 38.5950, 54.9710



154.8400, 57.5470, -35.2290



136.4790, -123.8790, -29.1830

Complementary

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



166.0410, 38.5950, 54.9710



190.9590, -38.5950, -54.9710

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.



130.4540, -105.5360, -47.7440



166.0410, 38.5950, 54.9710



148.5550, 9.6370, -48.0190

Square

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



166.0410, 38.5950, 54.9710



158.5300, 82.9880, -6.1960



125.8650, -76.5570, -60.8210



135.9040, -131.9050, -15.8810

Rectangle

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



166.0410, 38.5950, 54.9710



155.1960, 82.6140, 33.6380



125.8650, -76.5570, -60.8210



135.0140, -118.3760, -35.3040

Sweetspot

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



166.0410, 38.5950, 54.9710



231.8960, 12.6970, 17.6970



139.0190, -26.2330, 40.4150



114.0430, 7.6090, 10.7850



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.



166.0410, 38.5950, 54.9710



163.9860, 49.5960, 70.3640



159.4290, 57.2130, 36.9330



110.3150, 3.6670, 5.1310



71.2190, 59.7260, 85.0220



21.1620, 18.0600, 25.1320

Inverse Universe

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



166.0410, 38.5950, 54.9710



163.9860, 49.5960, 70.3640



197.5710, -57.2130, -36.9330



110.3150, 3.6670, 5.1310



71.2190, 59.7260, 85.0220



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 166.0410, 38.5950, 54.9710 looks on a white background.

Color Contrast Check

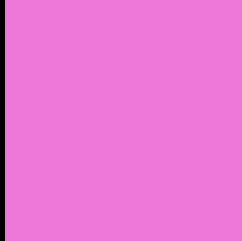
Large Text (above 18pt) WCAG AA × Fail

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 166.0410, 38.5950, 54.9710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

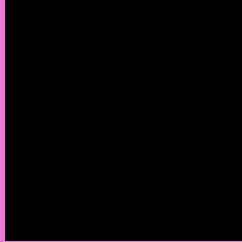
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.0410, 38.5950, 54.9710

Background



This preview shows how black text looks on a background with the YIQ color 166.0410, 38.5950, 54.9710.



This preview shows how white text looks on a background with the YIQ color 166.0410, 38.5950,

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

166.0410, 38.5950, 54.9710

Protanopia

161.7740, -45.2570, 21.7430

Deuteranopia

163.9060, -19.6260, 14.2780



Tritanopia

164.9470, 52.2180, 22.8260

Trichromacy



Original Color

166.0410, 38.5950, 54.9710



Protanomaly

162.9630, -14.6320, 33.9120



Deuteranomaly

164.4130, 1.4160, 29.4160



Tritanomaly

165.2860, 47.3100, 34.6860

Monochromacy



Original Color

166.0410, 38.5950, 54.9710



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

165.9610, 14.0720, 20.3120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.0410, 38.5950, 54.9710 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(237, 120, 217)` looks like.

```
.text, #text, p{  
    color:rgb(237, 120, 217)  
}
```

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(237, 120, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 120, 217) }
```

Border

The CSS property to change the border of an element to YIQ 166.0410, 38.5950, 54.9710 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(237, 120, 217) }
```


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

```
.border{ border-color:rgb(237, 120, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 120, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 120, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 120, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 120,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 166.0410, 38.5950, 54.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 120, 217) }
```

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

```
.background{ background-color: rgb(237,  
120, 217) }
```

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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