

Converting Colors

YIQ(165.5980, 37.8640, 40.6800)

Have a look what the booklet for
YIQ(165.5980, 37.8640, 40.6800)
contains.

YIQ(165.5980, 37.8640, 40.6800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(165.5980, 37.8640,
40.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	E381C1
RGB	227, 129, 193
RGB Percent	89%, 51%, 76%
CMY	0.1095, 0.4943, 0.2430
CMYK	0.00, 0.43, 0.15, 0.11
HSL	321°, 64%, 70%
HSV	321°, 43%, 89%
XYZ	49.1739, 35.8833, 54.8015
YIQ	165.5980, 37.8640, 40.6800

Conversions

Conversions Part 2

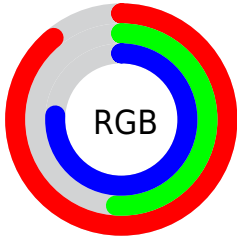
Format	Color
R _Y B	227, 129, 193
Decimal	14909889
CIE Lab	66.43, 46.09, -16.97
CIE LCh	66, 49.111, 339.788
Yxy	35.8833, 0.3516, 0.2566
Android (android.graphics.Color)	4293099969 (0xFFE381C1)
YUV	165.5980, 13.5092, 53.8496
Hunter-Lab	59.9027, 41.7002, -12.3091

Details

The YIQ color **165.5980, 37.8640, 40.6800** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **190.4020, -37.8640, -40.6800**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.7530, 21.1300, 35.5780**, and **111.2880, 35.8010, 39.5210** is the 20% darker color. If you saturate the color by 10%, you get **151.1850, 46.7570, 50.2210**, and if you desaturate by 10%, it is **180.0110, 28.9710, 31.1390**.

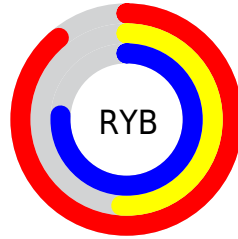
Distribution



Red (89%)

Green (51%)

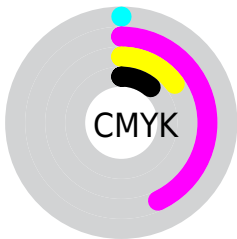
Blue (76%)



Red (89%)

Yellow (51%)

Blue (76%)

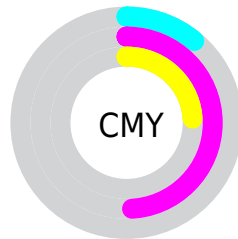


Cyan (0%)

Magenta (43%)

Yellow (15%)

Black (11%)



Cyan (11%)


Magenta (49%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.5980, 37.8640, 40.6800 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 165.5980, 37.8640, 40.6800 by changing the saturation by 10% instead.


 165.5980, 37.8640,
40.6800


 165.5980, 37.8640,
40.6800


255.0000, -0.0000,
-0.0000


 138.0000, 36.6720,
40.2560


 212.7530, 21.1300,
35.5780


 111.2880, 35.8010,
39.5210


 229.7590, 11.8250,
22.4890

 84.8040, 34.2880,
39.4080

 246.7820, 3.8500,
7.3220

 56.8580, 34.1960,
41.0760

 33.8360, 31.2620,
39.1820

 23.7390, 23.7450,
26.7290

 14.2830, 15.8610,

15.4210

■ 0.0000, 0.0000,
0.0000

■ 165.5980, 37.8640,
40.6800

■ 165.5980, 37.8640,
40.6800

■ 151.1850, 46.7570,
50.2210

■ 180.0110, 28.9710,
31.1390

■ 137.3590, 55.3750,
59.2390

■ 193.8370, 20.3530,
22.1210

■ 122.9460, 64.2680,
68.7800

■ 208.2500, 11.4600,
12.5800

■ 108.6470, 72.8400,
78.6320

■ 222.6630, 2.5670,
3.0390

■ 94.2340, 81.7330,
88.1730

■ 236.3750, -5.7300,
-6.2900

■ 84.7450, 87.7840,
94.1520

■ 244.9180,
-11.8730, -10.6010

■ 245.8300,
-14.4410, -8.1130

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



165.7640, -3.7660, 35.2260



165.5980, 37.8640, 40.6800



162.7300, 63.4950, 33.2150

Triad

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



165.5980, 37.8640, 40.6800



156.3880, 35.8130, -26.8030



131.5720, -119.7070, -27.6990

Complementary

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



165.5980, 37.8640, 40.6800



190.4020, -37.8640, -40.6800

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.



127.9580, -106.7750, -41.8070



165.5980, 37.8640, 40.6800



150.7730, -2.2400, -36.5120

Square

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



165.5980, 37.8640, 40.6800



159.1560, 60.6140, -8.2020



139.1810, -56.2950, -42.5590



129.9540, -126.1740, -15.1180

Rectangle

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



165.5980, 37.8640, 40.6800



161.7610, 70.2370, 21.1570



139.1810, -56.2950, -42.5590



130.6770, -115.8090, -32.2650

Sweetspot

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



165.5980, 37.8640, 40.6800



234.2610, 12.9270, 13.5270



150.0390, -11.7900, 37.4740



114.7610, 8.3430, 8.4950



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.



165.5980, 37.8640, 40.6800



171.6850, 51.3410, 55.2530



160.1260, 53.2720, 25.7520



107.5000, 4.5840, 5.0320



66.8590, 69.1270, 74.3350



19.0110, 19.8030, 21.0750

Inverse Universe

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



165.5980, 37.8640, 40.6800



171.6850, 51.3410, 55.2530



195.8740, -53.2720, -25.7520



107.5000, 4.5840, 5.0320



66.8590, 69.1270, 74.3350



19.0110, 19.8030, 21.0750

Previews

White Background



This preview shows how the YIQ color 165.5980, 37.8640, 40.6800 looks on a white background.

Color Contrast Check

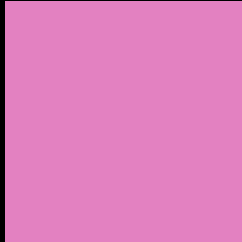
Large Text (above 18pt) WCAG AA × Fail

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 165.5980, 37.8640, 40.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

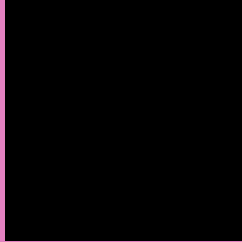
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.5980, 37.8640, 40.6800

Background



This preview shows how black text looks on a background with the YIQ color 165.5980, 37.8640, 40.6800.



This preview shows how white text looks on a background with the YIQ color 165.5980, 37.8640,

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

165.5980, 37.8640, 40.6800

Protanopia

162.3830, -25.4030, 14.3490

Deuteranopia

163.5130, -5.4580, 10.8140



Tritanopia

164.2560, 46.8540, 20.9180

Trichromacy



Original Color

165.5980, 37.8640, 40.6800

Protanomaly

163.6850, -2.5260, 23.7620

Deuteranomaly

164.1610, 10.6330, 22.0650

Tritanomaly

164.9170, 43.7350, 27.8870

Monochromacy



Original Color

165.5980, 37.8640, 40.6800

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.0870, 13.4770, 14.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.5980, 37.8640, 40.6800 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(227, 129, 193)` looks like.

```
.text, #text, p{  
    color:rgb(227, 129, 193)  
}
```

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(227, 129, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 129, 193) }
```

Border

The CSS property to change the border of an element to YIQ 165.5980, 37.8640, 40.6800 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(227, 129, 193) }
```


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

```
.border{ border-color:rgb(227, 129, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 129, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 129, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 129, 193);  
box-shadow:4px 4px 4px 4px rgb(227, 129,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 165.5980, 37.8640, 40.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 129, 193) }
```

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

```
.background{ background-color: rgb(227,  
129, 193) }
```

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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