

Converting Colors

YIQ(165.9570, 38.2310, 39.5350)

Have a look what the booklet for
YIQ(165.9570, 38.2310, 39.5350)
contains.

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Color

**YIQ(165.9570, 38.2310,
39.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	E382BF
RGB	227, 130, 191
RGB Percent	89%, 51%, 75%
CMY	0.1095, 0.4903, 0.2509
CMYK	0.00, 0.43, 0.16, 0.11
HSL	322°, 63%, 70%
HSV	322°, 43%, 89%
XYZ	49.0843, 36.0593, 53.6787
YIQ	165.9570, 38.2310, 39.5350

Conversions

Conversions Part 2

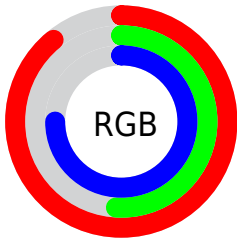
Format	Color
R_{YB}	227, 130, 191
Decimal	14910143
CIE _{Lab}	66.57, 45.26, -15.64
CIE _{LCh}	67, 47.890, 340.937
Yxy	36.0593, 0.3536, 0.2598
Android (android.graphics.Color)	4293100223 (0xFFE382BF)
YUV	165.9570, 12.3462, 53.5347
Hunter-Lab	60.0494, 40.8194, -10.9653

Details

The YIQ color **165.9570, 38.2310, 39.5350** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.0430, -38.2310, -39.5350**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9980, 21.8180, 34.1220**, and **111.7610, 35.8470, 38.6870** is the 20% darker color. If you saturate the color by 10%, you get **151.5440, 47.1240, 49.0760**, and if you desaturate by 10%, it is **180.3700, 29.3380, 29.9940**.

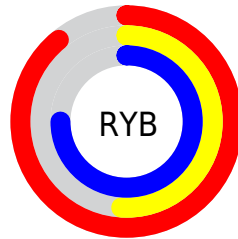
Distribution



Red (89%)

Green (51%)

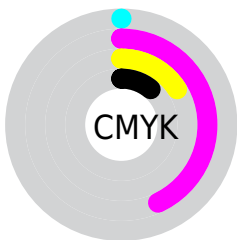
Blue (75%)



Red (89%)

Yellow (51%)

Blue (75%)

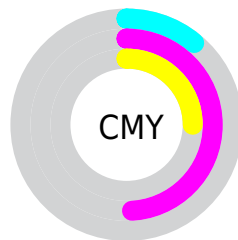


Cyan (0%)

Magenta (43%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.9570, 38.2310, 39.5350 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 165.9570, 38.2310, 39.5350 by changing the saturation by 10% instead.

165.9570, 38.2310,
39.5350

165.9570, 38.2310,
39.5350

255.0000, -0.0000,
-0.0000

138.3590, 37.0390,
39.1110

212.9980, 21.8180,
34.1220

111.7610, 35.8470,
38.6870

230.3460, 11.5500,
21.9660

85.1630, 34.6550,
38.2630

247.3690, 3.5750,
6.7990

57.9180, 33.9670,
39.7190

33.6080, 31.9040,
38.5600

23.6250, 24.0660,
26.4180

14.0550, 16.5030,

14.7990

■ 0.0000, 0.0000,
0.0000

■ 165.9570, 38.2310,
39.5350

■ 165.9570, 38.2310,
39.5350

■ 151.5440, 47.1240,
49.0760

■ 180.3700, 29.3380,
29.9940

■ 137.6040, 56.0630,
57.7830

■ 194.3100, 20.3990,
21.2870

■ 123.1910, 64.9560,
67.3240

■ 208.7230, 11.5060,
11.7460

■ 108.6640, 74.1700,
76.5540

■ 223.2500, 2.2920,
2.5160

■ 94.2510, 83.0630,
86.0950

■ 237.0760, -6.3260,
-6.5020

■ 84.1750, 89.3890,
92.5970

■ 245.1460,
-12.5150, -9.9790

■ 246.0580,
-15.0830, -7.4910

■ 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.



166.0200, -1.6110, 34.7170



165.9570, 38.2310, 39.5350



163.4910, 62.6700, 31.6460

Triad

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



165.9570, 38.2310, 39.5350



156.7190, 33.3830, -26.8170



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.



165.9570, 38.2310, 39.5350



191.0430, -38.2310, -39.5350

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.



128.1860, -107.4170, -41.1850



165.9570, 38.2310, 39.5350



150.8160, -3.7990, -35.7910

Square

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



165.9570, 38.2310, 39.5350



159.9600, 58.2300, -9.0500



140.1210, -56.0660, -41.2020



129.8400, -125.8530, -15.4290

Rectangle

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



165.9570, 38.2310, 39.5350



162.0490, 69.3660, 20.4220



140.1210, -56.0660, -41.2020



130.7910, -116.1300, -31.9540

Sweetspot

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



165.9570, 38.2310, 39.5350



234.2610, 12.9270, 13.5270



151.8220, -9.6810, 37.7990



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.



165.9570, 38.2310, 39.5350



173.2180, 51.1580, 53.0620



160.4850, 53.6390, 24.6070



107.3860, 4.9050, 4.7210



66.2890, 70.7320, 72.7800



18.8970, 20.1240, 20.7640

Inverse Universe

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



165.9570, 38.2310, 39.5350



173.2180, 51.1580, 53.0620



196.5150, -53.6390, -24.6070



107.3860, 4.9050, 4.7210



66.2890, 70.7320, 72.7800



18.8970, 20.1240, 20.7640

Previews

White Background



This preview shows how the YIQ color 165.9570, 38.2310, 39.5350 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 165.9570, 38.2310, 39.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

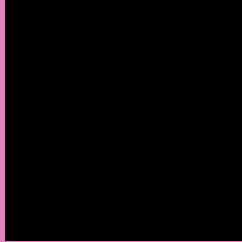
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9570, 38.2310, 39.5350

Background



This preview shows how black text looks on a background with the YIQ color 165.9570, 38.2310, 39.5350.



This preview shows how white text looks on a background with the YIQ color 165.9570, 38.2310,

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

165.9570, 38.2310, 39.5350

Protanopia

162.3400, -23.8440, 13.6280

Deuteranopia

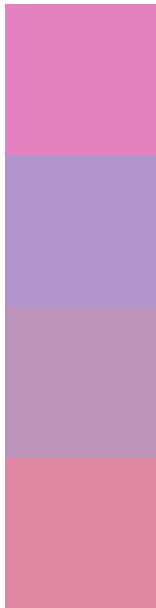
163.8830, -3.6240, 10.6160



Tritanopia

164.3700, 46.5330, 21.2290

Trichromacy



Original Color

165.9570, 38.2310, 39.5350

Protanomaly

163.6420, -0.9670, 23.0410

Deuteranomaly

164.8190, 11.5960, 21.1320

Tritanomaly

164.9170, 43.7350, 27.8870

Monochromacy



Original Color

165.9570, 38.2310, 39.5350

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9730, 13.7980, 14.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9570, 38.2310, 39.5350 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, 130, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 130, 191)  
}
```

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, 130, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 130, 191) }
```

Border

The CSS property to change the border of an element to YIQ 165.9570, 38.2310, 39.5350 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, 130, 191) }
```


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

```
.border{ border-color:rgb(227, 130, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 130, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 130, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 130, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 130,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9570, 38.2310, 39.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 130, 191) }
```

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

```
.background{ background-color: rgb(227,  
130, 191) }
```

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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