

# Converting Colors

YIQ(165.6210, 39.0570, 35.5770)

Have a look what the booklet for  
YIQ(165.6210, 39.0570, 35.5770)  
contains.

<b>YIQ(165.6210, 39.0570, 35.5770)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(165.6210, 39.0570,  
35.5770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E184B7
RGB	225, 132, 183
RGB Percent	88%, 52%, 72%
CMY	0.1174, 0.4825, 0.2822
CMYK	0.00, 0.41, 0.19, 0.12
HSL	327°, 61%, 70%
HSV	327°, 41%, 88%
XYZ	47.8678, 35.9300, 49.2281
YIQ	165.6210, 39.0570, 35.5770

# Conversions

## Conversions Part 2

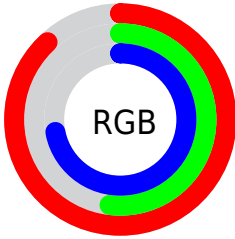
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 132, 183
Decimal	14779575
CIE <sub>Lab</sub>	66.47, 42.35, -11.32
CIE <sub>LCh</sub>	66, 43.834, 345.036
Yxy	35.9300, 0.3598, 0.2701
Android (android.graphics.Color)	4292969655 (0xFFE184B7)
YUV	165.6210, 8.5678, 52.0754
Hunter-Lab	59.9416, 37.6473, -6.7338

# Details

The YIQ color **165.6210, 39.0570, 35.5770** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.3790, -39.0570, -35.5770**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2600, 23.8360, 30.5880**, and **112.0120, 36.3980, 34.2060** is the 20% darker color. If you saturate the color by 10%, you get **150.9800, 48.5920, 44.4960**, and if you desaturate by 10%, it is **179.6750, 29.7970, 27.1810**.

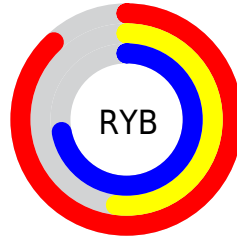
# Distribution



Red (88%)

Green (52%)

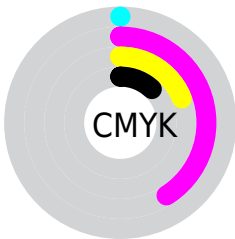
Blue (72%)



Red (88%)

Yellow (52%)

Blue (72%)

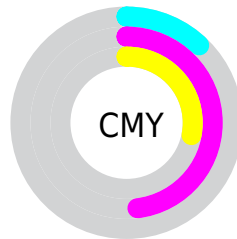


Cyan (0%)

Magenta (41%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (48%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 165.6210, 39.0570, 35.5770 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 165.6210, 39.0570, 35.5770 by changing the saturation by 10% instead.



165.6210, 39.0570,  
35.5770

165.6210, 39.0570,  
35.5770

255.0000, -0.0000,  
-0.0000

138.6100, 37.5900,  
34.6300

213.2600, 23.8360,  
30.5880

112.0120, 36.3980,  
34.2060

231.5200, 11.0000,  
20.9200

85.5280, 34.8850,  
34.0930

248.5430, 3.0250,  
5.7530

58.8700, 33.9220,  
35.0260

32.6250, 33.2340,  
36.4820

22.3430, 24.8000,  
24.1280

12.9580, 18.1540,

12.4100

■ 0.0000, 0.0000,  
0.0000

■ 165.6210, 39.0570,  
35.5770

■ 165.6210, 39.0570,  
35.5770

■ 150.9800, 48.5920,  
44.4960

■ 179.6750, 29.7970,  
27.1810

■ 136.9260, 57.8520,  
52.8920

■ 194.3160, 20.2620,  
18.2620

■ 122.2850, 67.3870,  
61.8110

■ 208.4840, 10.6810,  
10.1770

■ 108.1170, 76.9680,  
69.8960

■ 223.1250, 1.1460,  
1.2580

■ 93.4760, 86.5030,  
78.8150

■ 237.1790, -8.1140,  
-7.1380

■ 81.2970, 94.6170,  
85.9530

■ 244.7760,  
-14.3490, -9.7810

■ 245.9160,  
-17.5590, -6.6710

■ 246.0300,  
-17.8800, -6.3600

# Harmonies

## Analogous

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



166.1900, 3.6620, 32.7660



165.6210, 39.0570, 35.5770



163.4750, 59.5990, 26.7270

# Triad

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



165.6210, 39.0570, 35.5770



156.8370, 27.2390, -25.6010



129.6970, -118.5610, -26.4410

# Complementary

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



165.6210, 39.0570, 35.5770



191.3790, -39.0570, -35.5770

# 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.



127.4680, -108.1510, -38.8950



165.6210, 39.0570, 35.5770



151.0590, -8.7970, -33.3170

# Square

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



165.6210, 39.0570, 35.5770



159.6110, 51.9030, -10.0250



141.3430, -56.5710, -37.5550



140.5510, -96.8780, -6.3980



# Rectangle

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



165.6210, 39.0570, 35.5770



162.3640, 63.8650, 15.4890



141.3430, -56.5710, -37.5550



129.7310, -115.9010, -30.5970

# Sweetspot

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



165.6210, 39.0570, 35.5770



235.2070, 13.0190, 11.8590



155.1600, -4.8210, 37.8270



116.4080, 7.8390, 6.6150



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.



165.6210, 39.0570, 35.5770



173.8390, 53.5430, 48.3830



160.3770, 53.8230, 21.2710



104.9730, 4.6300, 4.1980



63.6820, 73.7590, 67.4790



17.4300, 19.9410, 18.5730



# Inverse Universe

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



165.6210, 39.0570, 35.5770



173.8390, 53.5430, 48.3830



196.6230, -53.8230, -21.2710



104.9730, 4.6300, 4.1980



63.6820, 73.7590, 67.4790



17.4300, 19.9410, 18.5730



# Previews

## White Background



This preview shows how the YIQ color 165.6210, 39.0570, 35.5770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

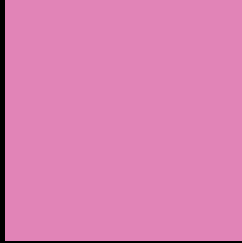
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 165.6210, 39.0570, 35.5770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

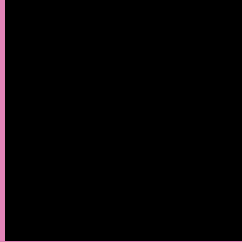
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 165.6210, 39.0570, 35.5770

## Background



This preview shows how black text looks on a background with the YIQ color 165.6210, 39.0570, 35.5770.



This preview shows how white text looks on a background with the YIQ color 165.6210, 39.0570,



# 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

165.6210, 39.0570, 35.5770

### Protanopia

162.3960, -18.2500, 11.3660

### Deuteranopia

163.9820, 0.4110, 9.0750



## Tritanopia

164.0710, 45.9370, 21.0170

# Trichromacy



## Original Color

165.6210, 39.0570, 35.5770



## Protanomaly

163.8010, 2.8390, 20.1430



## Deuteranomaly

164.7930, 14.4850, 18.3330



## Tritanomaly

164.5640, 43.2310, 26.0070

# Monochromacy



## Original Color

165.6210, 39.0570, 35.5770



## Achromatopsia

166.0000, -0.0000, 0.0000



## Achromatomaly

165.9190, 13.8900, 12.5940

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 165.6210, 39.0570, 35.5770 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, 132, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 183)  
}
```

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, 132, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 183) }
```

## Border

The CSS property to change the border of an element to YIQ 165.6210, 39.0570, 35.5770 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, 132, 183) }
```



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

```
.border{ border-color:rgb(225, 132, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 132, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
183) }
```

# Background

The CSS property to change the background color of an element to YIQ 165.6210, 39.0570, 35.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 132, 183) }
```

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

```
.background{ background-color: rgb(225,  
132, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor