

Converting Colors

YIQ(165.3990, 40.7030, 60.8230)

Have a look what the booklet for
YIQ(165.3990, 40.7030, 60.8230)
contains.

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Color

**YIQ(165.3990, 40.7030,
60.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	F273E0
RGB	242, 115, 224
RGB Percent	95%, 45%, 88%
CMY	0.0506, 0.5492, 0.1215
CMYK	0.00, 0.53, 0.07, 0.05
HSL	309°, 83%, 70%
HSV	309°, 53%, 95%
XYZ	56.2322, 36.5262, 74.6215
YIQ	165.3990, 40.7030, 60.8230

Conversions

Conversions Part 2

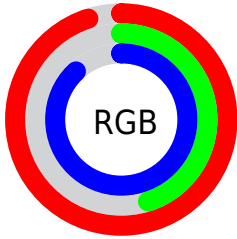
Format	Color
R _Y B	242, 115, 224
Decimal	15889376
CIE Lab	66.92, 62.33, -33.37
CIE LCh	67, 70.700, 331.839
Yxy	36.5262, 0.3360, 0.2182
Android (android.graphics.Color)	4294079456 (0xFFFF273E0)
YUV	165.3990, 28.8903, 67.1791
Hunter-Lab	60.4369, 60.3170, -30.8996

Details

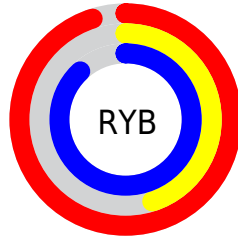
The YIQ color **165.3990, 40.7030, 60.8230** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **191.6010, -40.7030, -60.8230**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.6920, 23.1000, 43.9320**, and **107.9150, 39.1900, 60.7100** is the 20% darker color. If you saturate the color by 10%, you get **150.9690, 48.2660, 72.4420**, and if you desaturate by 10%, it is **179.8290, 33.1400, 49.2040**.

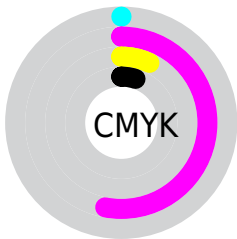
Distribution



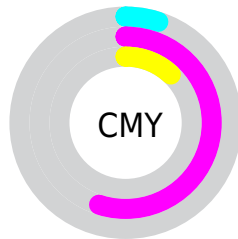
- Red (95%)
- Green (45%)
- Blue (88%)



- Red (95%)
- Yellow (45%)
- Blue (88%)



- Cyan (0%)
- Magenta (53%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.3990, 40.7030, 60.8230 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 165.3990, 40.7030, 60.8230 by changing the saturation by 10% instead.


 165.3990, 40.7030,
60.8230


 165.3990, 40.7030,
60.8230


255.0000, -0.0000,
-0.0000

 136.8010, 39.5110,
60.3990


 205.6920, 23.1000,
43.9320


 107.9150, 39.1900,
60.7100


 222.7150, 15.1250,
28.7650

 76.0340, 40.4730,
64.9930

 239.7380, 7.1500,
13.5980

 51.1970, 38.4560,
63.0000

 39.9750, 29.7930,
49.2890

 29.1660, 21.4050,
36.1010

 19.0690, 13.8880,

23.6480

■ 3.4050, -5.2740,
7.4780

■ 0.0000, 0.0000,
0.0000

■ 165.3990, 40.7030,
60.8230

■ 165.3990, 40.7030,
60.8230

■ 150.9690, 48.2660,
72.4420

■ 179.8290, 33.1400,
49.2040

■ 136.4250, 56.1500,
83.7500

■ 194.3730, 25.2560,
37.8960

■ 121.4080, 63.9880,
95.8920

■ 209.3900, 17.4180,
25.7540

■ 106.8640, 71.8720,
107.2000

■ 223.9340, 9.5340,
14.4460

96.0700, 77.4640,
115.9920

238.3640, 1.9710,
2.8270

249.9730, -4.5380,
-5.8660

250.3150, -5.5010,
-4.9330

250.7710, -6.7850,
-3.6890

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



163.5310, -21.9230, 39.3970



165.3990, 40.7030, 60.8230



152.2390, 73.0280, 53.1880

Triad

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



165.3990, 40.7030, 60.8230



151.3170, 68.9650, -43.9230



138.6960, -125.9880, -29.5080

Complementary

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



165.3990, 40.7030, 60.8230



191.6010, -40.7030, -60.8230

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.



131.5140, -105.7650, -49.1010



165.3990, 40.7030, 60.8230



146.7200, 13.3060, -53.9420

Square

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



165.3990, 40.7030, 60.8230



157.3090, 90.9200, -6.7760



121.6420, -83.4790, -67.5350



137.6650, -132.7300, -17.4500

Rectangle

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



165.3990, 40.7030, 60.8230



150.2720, 85.4560, 37.2000



121.6420, -83.4790, -67.5350



136.4160, -119.5680, -35.7280

Sweetspot

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



165.3990, 40.7030, 60.8230



230.2490, 13.2010, 19.5770



134.5610, -30.6350, 43.1010



112.8690, 8.1590, 11.8310



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.



165.3990, 40.7030, 60.8230



157.8710, 51.6580, 77.0500



158.3310, 60.6050, 41.5410



112.7280, 3.9420, 5.6540



72.9140, 59.2670, 87.8350



22.2160, 17.9680, 26.8000

Inverse Universe

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



165.3990, 40.7030, 60.8230



157.8710, 51.6580, 77.0500



198.6690, -60.6050, -41.5410



112.7280, 3.9420, 5.6540



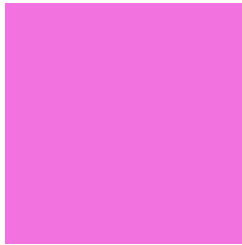
72.9140, 59.2670, 87.8350



22.2160, 17.9680, 26.8000

Previews

White Background



This preview shows how the YIQ color 165.3990, 40.7030, 60.8230 looks on a white background.

Color Contrast Check

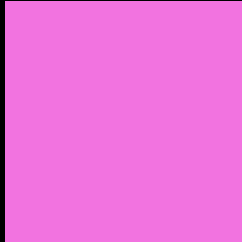
Large Text (above 18pt) WCAG AA × Fail

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 165.3990, 40.7030, 60.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

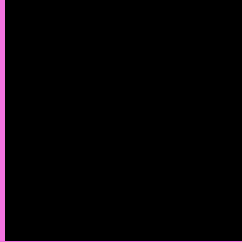
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.3990, 40.7030, 60.8230

Background



This preview shows how black text looks on a background with the YIQ color 165.3990, 40.7030, 60.8230.



This preview shows how white text looks on a background with the YIQ color 165.3990, 40.7030,

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

165.3990, 40.7030, 60.8230

Protanopia

161.2620, -49.5670, 22.7610

Deuteranopia

163.9810, -24.2110, 14.7730



Tritanopia

164.7410, 55.7940, 24.0980

Trichromacy



Original Color

165.3990, 40.7030, 60.8230



Protanomaly

162.8750, -17.2000, 36.4000



Deuteranomaly

164.2110, -0.8310, 31.5930



Tritanomaly

164.8350, 50.1980, 37.4140

Monochromacy



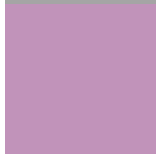
Original Color

165.3990, 40.7030, 60.8230



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

165.2000, 14.8970, 21.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3990, 40.7030, 60.8230 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(242, 115, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 115, 224)  
}
```

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(242, 115, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 115, 224) }
```

Border

The CSS property to change the border of an element to YIQ 165.3990, 40.7030, 60.8230 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(242, 115, 224) }
```


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

```
.border{ border-color:rgb(242, 115, 224) }
```

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

Here you see how a box with a 4 pixel rgb(242, 115, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 115, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 115, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 115,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3990, 40.7030, 60.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 115, 224) }
```

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

```
.background{ background-color: rgb(242,  
115, 224) }
```

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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