

Converting Colors

YIQ(166.1150, 35.7510, 62.4630)

Have a look what the booklet for
YIQ(166.1150, 35.7510, 62.4630)
contains.

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Color

**YIQ(166.1150, 35.7510,
62.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	EF74E9
RGB	239, 116, 233
RGB Percent	94%, 45%, 91%
CMY	0.0624, 0.5453, 0.0862
CMYK	0.00, 0.52, 0.03, 0.06
HSL	303°, 79%, 70%
HSV	303°, 52%, 94%
XYZ	56.5774, 36.7298, 81.2082
YIQ	166.1150, 35.7510, 62.4630

Conversions

Conversions Part 2

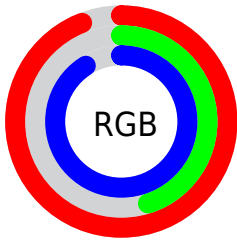
Format	Color
R _Y B	239, 116, 233
Decimal	15693033
CIE _{Lab}	67.07, 62.53, -38.14
CIE _{LCh}	67, 73.242, 328.614
Y _{xy}	36.7298, 0.3242, 0.2105
Android (android.graphics.Color)	4293883113 (0xFFEF74E9)
Y _{UV}	166.1150, 32.9743, 63.9201
Hunter-Lab	60.6051, 60.5781, -37.0224

Details

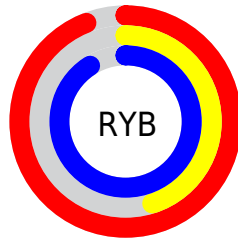
The YIQ color **166.1150, 35.7510, 62.4630** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **188.8850, -35.7510, -62.4630**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2790, 22.8250, 43.4090**, and **108.6310, 34.2380, 62.3500** is the 20% darker color. If you saturate the color by 10%, you get **151.9130, 42.6720, 74.7040**, and if you desaturate by 10%, it is **180.3170, 28.8300, 50.2220**.

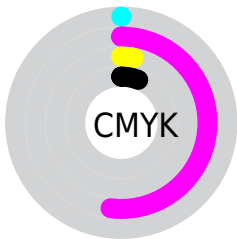
Distribution



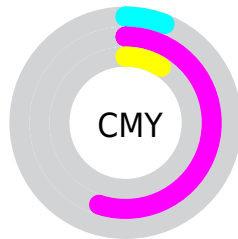
- Red (94%)
- Green (45%)
- Blue (91%)



- Red (94%)
- Yellow (45%)
- Blue (91%)



- Cyan (0%)
- Magenta (52%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.1150, 35.7510, 62.4630 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 166.1150, 35.7510, 62.4630 by changing the saturation by 10% instead.


 166.1150, 35.7510,
62.4630


 166.1150, 35.7510,
62.4630


255.0000, -0.0000,
-0.0000

 137.8160, 35.1550,
62.2510


 206.2790, 22.8250,
43.4090


 108.6310, 34.2380,
62.3500


 223.3020, 14.8500,
28.2420

 77.2230, 35.5670,
65.7990

 240.3250, 6.8750,
13.0750

 51.2120, 34.1000,
64.8520

 40.1750, 26.3540,
51.0420

 29.3660, 17.9660,
37.8540

 19.2690, 10.4490,

25.4010

■ 3.1920, -8.9880,
8.7080

■ 0.0000, 0.0000,
0.0000

■ 166.1150, 35.7510,
62.4630

■ 166.1150, 35.7510,
62.4630

■ 151.9130, 42.6720,
74.7040

■ 180.3170, 28.8300,
50.2220

■ 137.7110, 49.5930,
86.9450

■ 194.5190, 21.9090,
37.9810

■ 123.3950, 56.8350,
98.8750

■ 208.8350, 14.6670,
26.0510

■ 109.1930, 63.7560,
111.1160

■ 223.0370, 7.7460,
13.8100

97.3390, 69.5770,
121.2650

237.2390, 0.8250,
1.5690

248.5060, -4.7210,
-8.0570

248.6200, -5.0420,
-7.7460

248.7340, -5.3630,
-7.4350

248.9620, -6.0050,
-6.8130

Harmonies

Analogous

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



161.7040, -29.9000, 35.2840



166.1150, 35.7510, 62.4630



151.2760, 71.6060, 56.9340

Triad

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



166.1150, 35.7510, 62.4630



152.2360, 73.6870, -41.3930



138.9410, -125.3000, -30.9640

Complementary

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



166.1150, 35.7510, 62.4630



188.8850, -35.7510, -62.4630

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.



131.3030, -103.7930, -51.8010



166.1150, 35.7510, 62.4630



146.9180, 21.3760, -57.0240

Square

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



166.1150, 35.7510, 62.4630



157.1680, 95.8710, -2.8890



120.6160, -80.5900, -70.3340



138.8390, -133.2800, -18.4960

Rectangle

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



166.1150, 35.7510, 62.4630



148.0210, 84.9050, 41.6810



120.6160, -80.5900, -70.3340



137.1340, -118.8340, -38.0180

Sweetspot

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



166.1150, 35.7510, 62.4630



232.4660, 11.0920, 19.2520



131.2180, -37.0990, 39.1010



114.2710, 6.9670, 11.4070



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.



166.1150, 35.7510, 62.4630



161.3420, 46.0180, 80.1460



159.2750, 55.0110, 43.8030



112.8420, 3.6210, 5.9650



74.9660, 53.4890, 93.4330



22.7860, 16.3630, 28.3550

Inverse Universe

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



166.1150, 35.7510, 62.4630



161.3420, 46.0180, 80.1460



195.7250, -55.0110, -43.8030



112.8420, 3.6210, 5.9650



74.9660, 53.4890, 93.4330



22.7860, 16.3630, 28.3550

Previews

White Background



This preview shows how the YIQ color 166.1150, 35.7510, 62.4630 looks on a white background.

Color Contrast Check

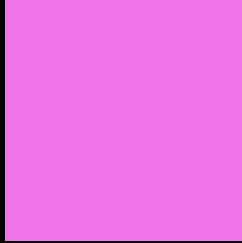
Large Text (above 18pt) WCAG AA × Fail

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 166.1150, 35.7510, 62.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

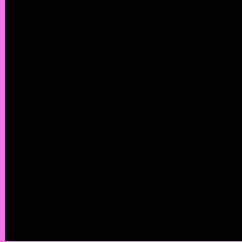
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.1150, 35.7510, 62.4630

Background



This preview shows how black text looks on a background with the YIQ color 166.1150, 35.7510, 62.4630.



This preview shows how white text looks on a background with the YIQ color 166.1150, 35.7510,

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

166.1150, 35.7510, 62.4630

Protanopia

161.8490, -49.8420, 22.2380

Deuteranopia

163.2130, -30.6760, 16.3000



Tritanopia

165.6480, 51.6220, 22.6140

Trichromacy



Original Color

166.1150, 35.7510, 62.4630



Protanomaly

163.5050, -19.0340, 36.5980



Deuteranomaly

164.6280, -6.3790, 33.0210



Tritanomaly

165.6820, 46.2550, 37.2870

Monochromacy



Original Color

166.1150, 35.7510, 62.4630



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

166.2430, 13.3380, 22.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.1150, 35.7510, 62.4630 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(239, 116, 233)` looks like.

```
.text, #text, p{  
    color:rgb(239, 116, 233)  
}
```

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(239, 116, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 116, 233) }
```

Border

The CSS property to change the border of an element to YIQ 166.1150, 35.7510, 62.4630 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(239, 116, 233) }
```


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

```
.border{ border-color:rgb(239, 116, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 116, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 116, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 116, 233);  
box-shadow:4px 4px 4px 4px rgb(239, 116,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 166.1150, 35.7510, 62.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 116, 233) }
```

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

```
.background{ background-color: rgb(239,  
116, 233) }
```

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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