

Converting Colors

YIQ(156.4030, 34.8800, 61.7280)

Have a look what the booklet for
YIQ(156.4030, 34.8800, 61.7280)
contains.

YIQ(156.4030, 34.8800, 61.7280)	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(156.4030, 34.8800,
61.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	E46BDF
RGB	228, 107, 223
RGB Percent	89%, 42%, 87%
CMY	0.1055, 0.5806, 0.1254
CMYK	0.00, 0.53, 0.02, 0.11
HSL	303°, 69%, 66%
HSV	303°, 53%, 89%
XYZ	50.5974, 32.3422, 73.3967
YIQ	156.4030, 34.8800, 61.7280

Conversions

Conversions Part 2

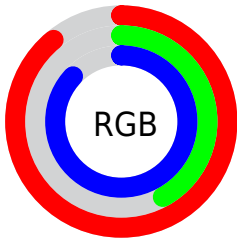
Format	Color
R _Y B	228, 107, 223
Decimal	14969823
CIE _{Lab}	63.62, 62.02, -38.08
CIE _{LCh}	64, 72.775, 328.451
Yxy	32.3422, 0.3236, 0.2069
Android (android.graphics.Color)	4293159903 (0xFFE46BDF)
YUV	156.4030, 32.8323, 62.7906
Hunter-Lab	56.8702, 59.2885, -36.7105

Details

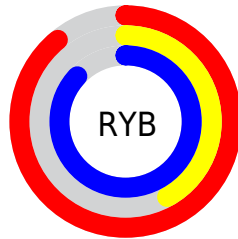
The YIQ color **156.4030, 34.8800, 61.7280** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **178.5970, -34.8800, -61.7280**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.9960, 25.3000, 48.1160**, and **99.2180, 33.9630, 61.8270** is the 20% darker color. If you saturate the color by 10%, you get **142.7880, 41.5260, 73.4460**, and if you desaturate by 10%, it is **170.0180, 28.2340, 50.0100**.

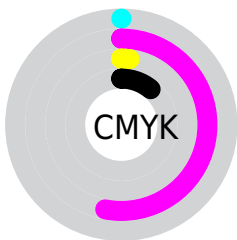
Distribution



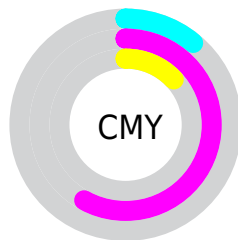
- Red (89%)
- Green (42%)
- Blue (87%)



- Red (89%)
- Yellow (42%)
- Blue (87%)



- Cyan (0%)
- Magenta (53%)
- Yellow (2%)
- Black (11%)





- Cyan (11%)
- Magenta (58%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.4030, 34.8800, 61.7280 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 156.4030, 34.8800, 61.7280 by changing the saturation by 10% instead.


 156.4030, 34.8800,
61.7280


 156.4030, 34.8800,
61.7280


255.0000, -0.0000,
-0.0000

 128.1040, 34.2840,
61.5160


 200.9960, 25.3000,
48.1160


 99.2180, 33.9630,
61.8270


 218.0190, 17.3250,
32.9490


 63.8150, 36.8960,
69.2480

 235.0420, 9.3500,
17.7820

 47.1960, 31.0290,
59.9330

 252.0650, 1.3750,
2.6150

 36.2730, 22.9620,
46.4340

 25.7630, 15.1700,
33.4580

 15.0680, 6.4610,

20.5810

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 156.4030, 34.8800,
61.7280

■ 156.4030, 34.8800,
61.7280

■ 142.7880, 41.5260,
73.4460

■ 170.0180, 28.2340,
50.0100

■ 129.1730, 48.1720,
85.1640

■ 183.6330, 21.5880,
38.2920

■ 116.1450, 54.5430,
96.3590

■ 196.6610, 15.2170,
27.0970

■ 102.5300, 61.1890,
108.0770

■ 210.2760, 8.5710,
15.3790

93.1380, 65.5890,
116.4450

223.8910, 1.9250,
3.6610

237.5060, -4.7210,
-8.0570

244.0770, -8.0670,
-13.4990

244.1910, -8.3880,
-13.1880

244.3050, -8.7090,
-12.8770

Harmonies

Analogous

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



153.1320, -33.9810, 37.6590



156.4030, 34.8800, 61.7280



144.3800, 77.2450, 59.3650

Triad

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



156.4030, 34.8800, 61.7280



143.9630, 70.2020, -38.8060



131.8170, -119.0190, -29.1550

Complementary

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



156.4030, 34.8800, 61.7280



178.5970, -34.8800, -61.7280

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.



124.4070, -98.1540, -49.3700



156.4030, 34.8800, 61.7280



136.8320, 24.4940, -58.4660

Square

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



156.4030, 34.8800, 61.7280



147.5700, 94.6790, -3.3130



114.4210, -75.5470, -68.1150



132.9690, -130.5300, -13.2660

Rectangle

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



156.4030, 34.8800, 61.7280



141.8260, 89.9480, 43.9000



114.4210, -75.5470, -68.1150



130.0100, -112.5530, -36.2090

Sweetspot

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



156.4030, 34.8800, 61.7280



230.7050, 11.9170, 20.8210



121.9900, -36.4570, 38.4790



113.0970, 7.5170, 12.4530



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.



156.4030, 34.8800, 61.7280



158.5210, 47.0720, 83.0720



149.5630, 54.1400, 43.0680



107.8420, 3.6210, 5.9650



73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Inverse Universe

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



156.4030, 34.8800, 61.7280



158.5210, 47.0720, 83.0720



185.4370, -54.1400, -43.0680



107.8420, 3.6210, 5.9650



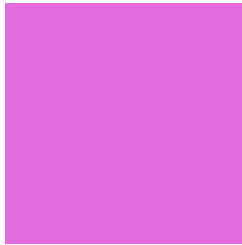
73.0150, 51.7930, 91.1290



20.8350, 14.6670, 26.0510

Previews

White Background



This preview shows how the YIQ color 156.4030, 34.8800, 61.7280 looks on a white background.

Color Contrast Check

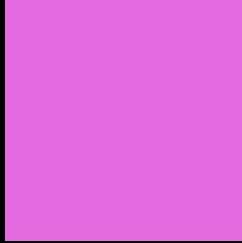
Large Text (above 18pt) WCAG AA × Fail

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 156.4030, 34.8800, 61.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

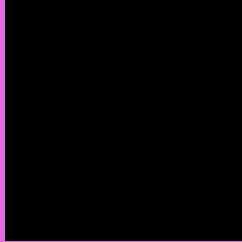
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.4030, 34.8800, 61.7280

Background



This preview shows how black text looks on a background with the YIQ color 156.4030, 34.8800, 61.7280.



This preview shows how white text looks on a background with the YIQ color 156.4030, 34.8800,

61.7280.

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

156.4030, 34.8800, 61.7280

Protanopia

151.1950, -56.6280, 24.0760

Deuteranopia

154.3870, -31.2260, 15.2540



Tritanopia

156.0500, 50.4300, 22.1900

Trichromacy



Original Color

156.4030, 34.8800, 61.7280



Protanomaly

152.9930, -23.3440, 37.6160



Deuteranomaly

154.9160, -7.2500, 32.2860



Tritanomaly

156.0840, 45.0630, 36.8630

Monochromacy



Original Color

156.4030, 34.8800, 61.7280



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

155.9440, 12.7420, 22.3900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.4030, 34.8800, 61.7280 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(228, 107, 223)` looks like.

```
.text, #text, p{  
    color:rgb(228, 107, 223)  
}
```

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(228, 107, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 107, 223) }
```

Border

The CSS property to change the border of an element to YIQ 156.4030, 34.8800, 61.7280 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(228, 107, 223) }
```


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

```
.border{ border-color:rgb(228, 107, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 107, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 107, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 107, 223);  
box-shadow:4px 4px 4px 4px rgb(228, 107,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 156.4030, 34.8800, 61.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 107, 223) }
```

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

```
.background{ background-color: rgb(228,  
107, 223) }
```

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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