

Converting Colors

YIQ(165.8970, 30.4330, 59.7210)

Have a look what the booklet for
YIQ(165.8970, 30.4330, 59.7210)
contains.

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Color

**YIQ(165.8970, 30.4330,
59.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	E877EA
RGB	232, 119, 234
RGB Percent	91%, 47%, 92%
CMY	0.0898, 0.5335, 0.0823
CMYK	0.01, 0.49, 0.00, 0.08
HSL	299°, 73%, 69%
HSV	299°, 49%, 92%
XYZ	54.7506, 36.2937, 81.9677
YIQ	165.8970, 30.4330, 59.7210

Conversions

Conversions Part 2

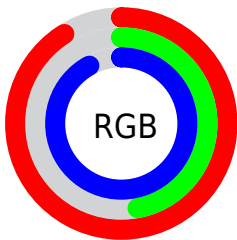
Format	Color
R _Y B	232, 119, 234
Decimal	15235050
CIE Lab	66.74, 59.37, -39.28
CIE LCh	67, 71.187, 326.514
Yxy	36.2937, 0.3165, 0.2098
Android (android.graphics.Color)	4293425130 (0xFFE877EA)
YUV	165.8970, 33.5748, 57.9723
Hunter-Lab	60.2443, 56.7949, -38.4983

Details

The YIQ color **165.8970, 30.4330, 59.7210** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **187.1030, -30.4330, -59.7210**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0400, 22.0000, 41.8400**, and **109.8860, 28.9660, 58.7740** is the 20% darker color. If you saturate the color by 10%, you get **152.3960, 36.7580, 71.7500**, and if you desaturate by 10%, it is **179.3980, 24.1080, 47.6920**.

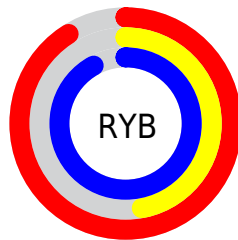
Distribution



Red (91%)

Green (47%)

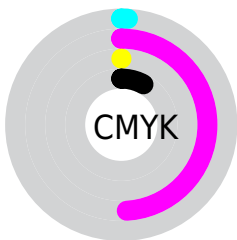
Blue (92%)



Red (91%)

Yellow (47%)

Blue (92%)

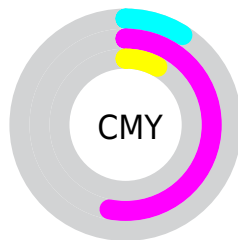


Cyan (1%)

Magenta (49%)

Yellow (0%)

Black (8%)



Cyan (9%)


Magenta (53%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.8970, 30.4330, 59.7210 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 165.8970, 30.4330, 59.7210 by changing the saturation by 10% instead.

 165.8970, 30.4330,
59.7210


 165.8970, 30.4330,
59.7210


255.0000, -0.0000,
-0.0000

 137.5980, 29.8370,
59.5090


 208.0400, 22.0000,
41.8400


 109.8860, 28.9660,
58.7740


 224.4760, 14.3000,
27.1960

 80.2390, 29.4700,
60.6540

 241.4990, 6.3250,
12.0290

 49.5320, 30.2030,
63.8910

 38.4950, 22.4570,
50.0810

 27.6860, 14.0690,
36.8930

 17.7740, 7.4690,

24.3410

■ 3.3060, -9.3090,
9.0190

■ 0.0000, 0.0000,
0.0000

■ 165.8970, 30.4330,
59.7210

■ 165.8970, 30.4330,
59.7210

■ 152.3960, 36.7580,
71.7500

■ 179.3980, 24.1080,
47.6920

■ 138.0090, 42.7620,
84.0900

■ 193.7850, 18.1040,
35.3520

■ 124.5080, 49.0870,
96.1190

■ 207.2860, 11.7790,
23.3230

■ 110.4200, 55.6870,
108.6710

■ 221.6730, 5.7750,
10.9830

96.6200, 61.4160,
120.4880

235.1740, -0.5500,
-1.0460

95.4460, 61.9660,
121.5340

246.3270, -5.7750,
-10.9830

246.6260, -5.1790,
-10.7710

246.9250, -4.5830,
-10.5590

Harmonies

Analogous

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



160.4860, -35.2180, 32.5420



165.8970, 30.4330, 59.7210



153.4930, 69.4970, 56.6090

Triad

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



165.8970, 30.4330, 59.7210



151.9590, 76.0250, -39.7110



137.5560, -122.7780, -32.6180

Complementary

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



165.8970, 30.4330, 59.7210



187.1030, -30.4330, -59.7210

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.



130.1460, -101.9130, -52.8330



165.8970, 30.4330, 59.7210



147.1790, 25.1350, -53.5610

Square

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



165.8970, 30.4330, 59.7210



156.7920, 94.1740, 0.3340



128.6680, -60.0050, -63.4370



138.2520, -133.0050, -17.9730

Rectangle

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



165.8970, 30.4330, 59.7210



149.1780, 83.0250, 42.7130



128.6680, -60.0050, -63.4370



135.1620, -116.0370, -39.1490

Sweetspot

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



165.8970, 30.4330, 59.7210



232.3950, 9.8540, 19.6620



134.4580, -38.0150, 33.6730



114.2000, 5.7290, 11.8170



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.



165.8970, 30.4330, 59.7210



166.0530, 39.4620, 77.8140



160.3390, 48.9590, 43.3510



110.5430, 3.0250, 5.7530



73.8560, 47.9870, 94.0270



22.0030, 14.2540, 28.0300

Inverse Universe

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



153.6130, 67.8980, 25.0020



150.0780, 88.7580, 32.4220



192.6610, -48.9590, -43.3510



109.2890, 6.5560, 2.3320



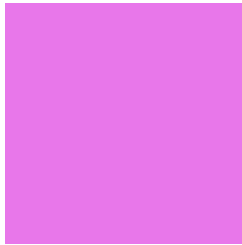
54.4610, 106.9130, 39.3050



16.2600, 31.8630, 11.7590

Previews

White Background



This preview shows how the YIQ color 165.8970, 30.4330, 59.7210 looks on a white background.

Color Contrast Check

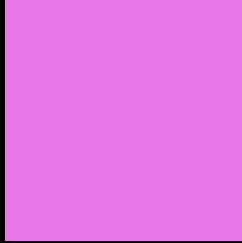
Large Text (above 18pt) WCAG AA × Fail

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 165.8970, 30.4330, 59.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

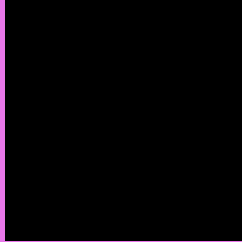
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.8970, 30.4330, 59.7210

Background



This preview shows how black text looks on a background with the YIQ color 165.8970, 30.4330, 59.7210.



This preview shows how white text looks on a background with the YIQ color 165.8970, 30.4330,

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

165.8970, 30.4330, 59.7210

Protanopia

160.9630, -50.1630, 22.5490

Deuteranopia

162.5440, -33.1060, 16.2860



Tritanopia

165.0710, 45.9370, 21.0170

Trichromacy



Original Color

165.8970, 30.4330, 59.7210



Protanomaly

162.6080, -20.8220, 35.9620



Deuteranomaly

163.9480, -10.2760, 32.0600



Tritanomaly

165.6920, 40.2950, 35.1670

Monochromacy



Original Color

165.8970, 30.4330, 59.7210



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

166.0470, 10.9540, 21.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.8970, 30.4330, 59.7210 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(232, 119, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 119, 234)  
}
```

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(232, 119, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 119, 234) }
```

Border

The CSS property to change the border of an element to YIQ 165.8970, 30.4330, 59.7210 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(232, 119, 234) }
```


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

```
.border{ border-color:rgb(232, 119, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 119, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 119, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 119, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 119,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 165.8970, 30.4330, 59.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 119, 234) }
```

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

```
.background{ background-color: rgb(232,  
119, 234) }
```

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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