

Converting Colors

YIQ(156.2980, 48.1770, 57.5290)

Have a look what the booklet for
YIQ(156.2980, 48.1770, 57.5290)
contains.

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Color

**YIQ(156.2980, 48.1770,
57.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	EE6AC9
RGB	238, 106, 201
RGB Percent	93%, 42%, 79%
CMY	0.0663, 0.5845, 0.2116
CMYK	0.00, 0.56, 0.16, 0.07
HSL	317°, 80%, 67%
HSV	317°, 56%, 93%
XYZ	50.9863, 32.7088, 58.9030
YIQ	156.2980, 48.1770, 57.5290

Conversions

Conversions Part 2

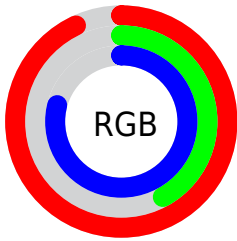
Format	Color
R _{YB}	238, 106, 201
Decimal	15624905
CIE _{Lab}	63.92, 61.76, -25.16
CIE _{LCh}	64, 66.691, 337.834
Y _{xy}	32.7088, 0.3576, 0.2294
Android (android.graphics.Color)	4293814985 (0xFFEE6AC9)
YUV	156.2980, 22.0381, 71.6527
Hunter-Lab	57.1916, 59.0477, -21.0301

Details

The YIQ color **156.2980, 48.1770, 57.5290** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **187.7020, -48.1770, -57.5290**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.4090, 25.5750, 48.6390**, and **98.4550, 46.2970, 58.5610** is the 20% darker color. If you saturate the color by 10%, you get **141.4120, 57.0240, 67.9040**, and if you desaturate by 10%, it is **171.1840, 39.3300, 47.1540**.

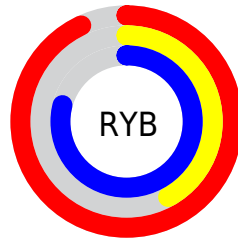
Distribution



Red (93%)

Green (42%)

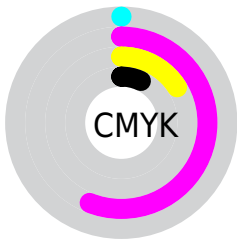
Blue (79%)



Red (93%)

Yellow (42%)

Blue (79%)

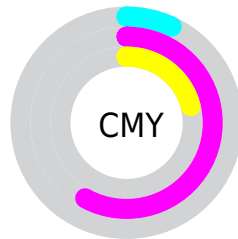


Cyan (0%)

Magenta (56%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (58%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 156.2980, 48.1770, 57.5290 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 156.2980, 48.1770, 57.5290 by changing the saturation by 10% instead.


 156.2980, 48.1770,
57.5290


 156.2980, 48.1770,
57.5290


255.0000, -0.0000,
-0.0000

 127.8140, 46.6640,
57.4160


 200.4090, 25.5750,
48.6390


 98.4550, 46.2970,
58.5610


 217.4320, 17.6000,
33.4720


 60.7040, 50.3300,
68.0740

 234.4550, 9.6250,
18.3050

 47.4220, 41.8960,
55.7200

 252.0650, 1.3750,
2.6150

 36.6130, 33.5080,
42.5320

 25.9180, 24.7990,
29.6550

 15.7500, 16.0440,

17.6120

■ 0.0000, 0.0000,
0.0000

■ 156.2980, 48.1770,
57.5290

■ 156.2980, 48.1770,
57.5290

■ 141.4120, 57.0240,
67.9040

■ 171.1840, 39.3300,
47.1540

■ 126.6400, 65.5500,
78.5900

■ 185.9560, 30.8040,
36.4680

■ 112.3410, 74.1220,
88.4420

■ 200.2550, 22.2320,
26.6160

■ 97.4550, 82.9690,
98.8170

■ 215.1410, 13.3850,
16.2410

■ 90.6560, 86.9570,
103.6370

■ 229.9130, 4.8590,
5.5550

■ 244.7990, -3.9880,
-4.8200

■ 249.1190, -7.8850,
-5.7810

■ 249.8030, -9.8110,
-3.9150

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



158.9070, -11.0580, 46.2380



156.2980, 48.1770, 57.5290



148.7850, 79.9980, 48.0140

Triad

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



156.2980, 48.1770, 57.5290



143.9010, 55.5770, -43.5830



132.1250, -122.6420, -24.0660

Complementary

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



156.2980, 48.1770, 57.5290



187.7020, -48.1770, -57.5290

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.



126.6870, -104.5740, -43.1500



156.2980, 48.1770, 57.5290



138.5860, -0.8160, -51.3120

Square

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



156.2980, 48.1770, 57.5290



149.1290, 82.4390, -12.7690



117.8580, -83.8470, -60.8630



130.6210, -129.4300, -11.1740

Rectangle

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



156.2980, 48.1770, 57.5290



148.4480, 90.5920, 32.2240



117.8580, -83.8470, -60.8630



130.6600, -117.1390, -30.1870

Sweetspot

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



156.2980, 48.1770, 57.5290



228.3910, 15.6770, 18.7570



131.5130, -21.5120, 48.4720



111.8260, 9.7180, 11.1100



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.



156.2980, 48.1770, 57.5290



149.1510, 62.4330, 74.5050



149.0020, 68.7210, 37.6250



112.5000, 4.5840, 5.0320



70.0640, 67.2920, 80.0600



21.3040, 20.5360, 24.3120

Inverse Universe

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



156.2980, 48.1770, 57.5290



149.1510, 62.4330, 74.5050



194.9980, -68.7210, -37.6250



112.5000, 4.5840, 5.0320



70.0640, 67.2920, 80.0600



21.3040, 20.5360, 24.3120

Previews

White Background



This preview shows how the YIQ color 156.2980, 48.1770, 57.5290 looks on a white background.

Color Contrast Check

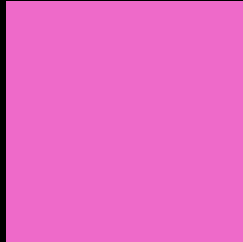
Large Text (above 18pt) WCAG AA × Fail

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 156.2980, 48.1770, 57.5290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

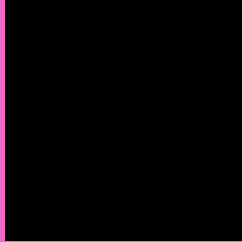
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.2980, 48.1770, 57.5290

Background



This preview shows how black text looks on a background with the YIQ color 156.2980, 48.1770, 57.5290.



This preview shows how white text looks on a background with the YIQ color 156.2980, 48.1770,

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

156.2980, 48.1770, 57.5290

Protanopia

154.2040, -43.6520, 20.1880

Deuteranopia

156.3750, -13.7570, 12.5390



Tritanopia

155.6170, 62.0750, 25.9070

Trichromacy



Original Color

156.2980, 48.1770, 57.5290



Protanomaly

155.0020, -10.3680, 33.7280



Deuteranomaly

156.3060, 9.0270, 29.1470



Tritanomaly

155.8420, 57.4880, 37.4560

Monochromacy



Original Color

156.2980, 48.1770, 57.5290



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

156.2280, 17.6940, 20.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2980, 48.1770, 57.5290 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(238, 106, 201)` looks like.

```
.text, #text, p{  
    color:rgb(238, 106, 201)  
}
```

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(238, 106, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 106, 201) }
```

Border

The CSS property to change the border of an element to YIQ 156.2980, 48.1770, 57.5290 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(238, 106, 201) }
```


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

```
.border{ border-color:rgb(238, 106, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 106, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 106, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 106, 201);  
box-shadow:4px 4px 4px 4px rgb(238, 106,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2980, 48.1770, 57.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 106, 201) }
```

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

```
.background{ background-color: rgb(238,  
106, 201) }
```

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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