

Converting Colors

YIQ(160.3610, 51.8930, 45.2450)

Have a look what the booklet for
YIQ(160.3610, 51.8930, 45.2450)
contains.

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Color

**YIQ(160.3610, 51.8930,
45.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	EE75B4
RGB	238, 117, 180
RGB Percent	93%, 46%, 71%
CMY	0.0663, 0.5413, 0.2940
CMYK	0.00, 0.51, 0.24, 0.07
HSL	329°, 78%, 70%
HSV	329°, 51%, 93%
XYZ	49.8856, 34.1993, 47.1733
YIQ	160.3610, 51.8930, 45.2450

Conversions

Conversions Part 2

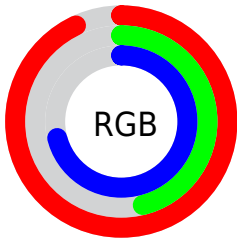
Format	Color
R _Y B	238, 117, 180
Decimal	15627700
CIE Lab	65.12, 53.66, -11.47
CIE LCh	65, 54.875, 347.932
Yxy	34.1993, 0.3801, 0.2605
Android (android.graphics.Color)	4293817780 (0xFFEE75B4)
YUV	160.3610, 9.6820, 68.0894
Hunter-Lab	58.4801, 49.9265, -6.8905

Details

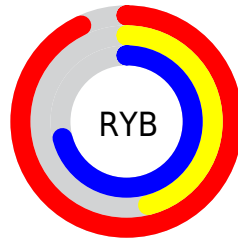
The YIQ color **160.3610, 51.8930, 45.2450** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **194.6390, -51.8930, -45.2450**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.1130, 28.9240, 37.5000**, and **104.3930, 48.8670, 45.0190** is the 20% darker color. If you saturate the color by 10%, you get **145.0190, 62.0240, 54.3760**, and if you desaturate by 10%, it is **175.7030, 41.7620, 36.1140**.

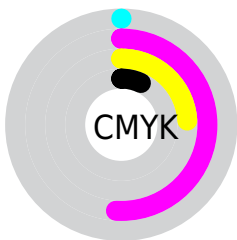
Distribution



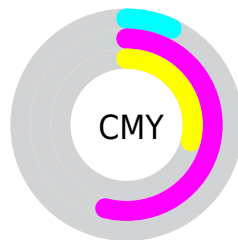
- Red (93%)
- Green (46%)
- Blue (71%)



- Red (93%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (51%)
- Yellow (24%)
- Black (7%)



- Cyan (7%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.3610, 51.8930, 45.2450 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 160.3610, 51.8930, 45.2450 by changing the saturation by 10% instead.

160.3610, 51.8930,
45.2450

160.3610, 51.8930,
45.2450

255.0000, -0.0000,
-0.0000

132.4640, 50.1050,
44.6090

204.1130, 28.9240,
37.5000

104.3930, 48.8670,
45.0190

223.3020, 14.8500,
28.2420

75.5610, 48.4540,
46.9980

240.3250, 6.8750,
13.0750

45.6690, 48.2700,
50.3340

34.6750, 38.9650,
37.2450

24.2080, 29.6140,
24.9900

14.1820, 23.3350,

12.1270

■ 0.0000, 0.0000,
0.0000

■ 160.3610, 51.8930,
45.2450

■ 160.3610, 51.8930,
45.2450

■ 145.0190, 62.0240,
54.3760

■ 175.7030, 41.7620,
36.1140

■ 129.5630, 72.4760,
63.1960

■ 191.1590, 31.3100,
27.2940

■ 114.8080, 82.3320,
71.8040

■ 205.9140, 21.4540,
18.6860

■ 99.3520, 92.7840,
80.6240

■ 221.3700, 11.0020,
9.8660

■ 85.2980, 102.0440,
89.0200

■ 236.7120, 0.8710,
0.7350

■ 249.1190, -7.8850,
-5.7810

■ 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.



162.8090, 9.5290, 42.0810



160.3610, 51.8930, 45.2450



157.4770, 74.4530, 32.8610

Triad

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



160.3610, 51.8930, 45.2450



150.4100, 29.5790, -34.9730



131.2930, -123.0550, -22.0870

Complementary

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



160.3610, 51.8930, 45.2450



194.6390, -51.8930, -45.2450

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.



128.1520, -110.0770, -37.0290



160.3610, 51.8930, 45.2450



142.7710, -17.0940, -42.6460

Square

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



160.3610, 51.8930, 45.2450



153.8860, 61.0740, -16.5420



121.7510, -93.4310, -52.3670



128.1590, -128.0090, -9.3930

Rectangle

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



160.3610, 51.8930, 45.2450



156.5460, 78.0320, 17.5520



121.7510, -93.4310, -52.3670



130.3980, -119.1570, -26.6530

Sweetspot

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



160.3610, 51.8930, 45.2450



230.6420, 16.2280, 14.2760



147.5380, -5.4650, 49.5030



113.2450, 9.8560, 8.6080



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.



160.3610, 51.8930, 45.2450



154.8780, 66.9750, 58.2630



153.6350, 70.8320, 26.8960



112.2720, 5.2260, 4.4100



65.9600, 78.8480, 68.8640



20.0500, 24.0670, 20.8910

Inverse Universe

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



160.3610, 51.8930, 45.2450



154.8780, 66.9750, 58.2630



201.3650, -70.8320, -26.8960



112.2720, 5.2260, 4.4100



65.9600, 78.8480, 68.8640



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 160.3610, 51.8930, 45.2450 looks on a white background.

Color Contrast Check

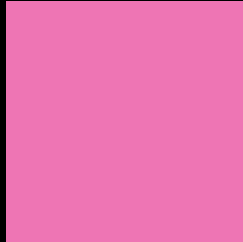
Large Text (above 18pt) WCAG AA × Fail

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 160.3610, 51.8930, 45.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

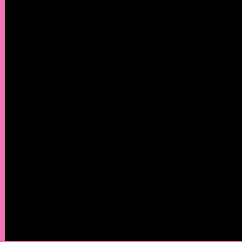
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.3610, 51.8930, 45.2450

Background



This preview shows how black text looks on a background with the YIQ color 160.3610, 51.8930, 45.2450.



This preview shows how white text looks on a background with the YIQ color 160.3610, 51.8930,

45.2450.

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

160.3610, 51.8930, 45.2450

Protanopia

159.1120, -23.2020, 13.0060

Deuteranopia

160.1670, 1.3280, 8.9760



Tritanopia

159.3180, 61.4790, 25.6950

Trichromacy



Original Color

160.3610, 51.8930, 45.2450



Protanomaly

159.3330, 4.3970, 24.9490



Deuteranomaly

160.5380, 19.7570, 21.9090



Tritanomaly

159.6800, 57.7640, 32.4520

Monochromacy



Original Color

160.3610, 51.8930, 45.2450



Achromatopsia

160.0000, 0.0000, -0.0000



Achromatomaly

159.7780, 18.8410, 16.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.3610, 51.8930, 45.2450 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, 117, 180)` looks like.

```
.text, #text, p{  
    color:rgb(238, 117, 180)  
}
```

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, 117, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 117, 180) }
```

Border

The CSS property to change the border of an element to YIQ 160.3610, 51.8930, 45.2450 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, 117, 180) }
```


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

```
.border{ border-color:rgb(238, 117, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 117, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 117, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 117, 180); box-shadow:4px 4px 4px 4px rgb(238, 117, 180) }
```

Background

The CSS property to change the background color of an element to YIQ 160.3610, 51.8930, 45.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 117, 180) }
```

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

```
.background{ background-color: rgb(238,  
117, 180) }
```

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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