

Converting Colors

YIQ(148.6350, 45.6100, 54.4900)

Have a look what the booklet for
YIQ(148.6350, 45.6100, 54.4900)
contains.

YIQ(148.6350, 45.6100, 54.4900)	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(148.6350, 45.6100,
54.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	E265BF
RGB	226, 101, 191
RGB Percent	89%, 40%, 75%
CMY	0.1134, 0.6041, 0.2509
CMYK	0.00, 0.55, 0.16, 0.11
HSL	317°, 68%, 64%
HSV	317°, 55%, 89%
XYZ	45.4480, 29.2434, 52.5558
YIQ	148.6350, 45.6100, 54.4900

Conversions

Conversions Part 2

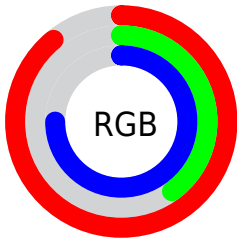
Format	Color
R _Y B	226, 101, 191
Decimal	14837183
CIE Lab	61.00, 59.11, -24.13
CIE LCh	61, 63.846, 337.789
Yxy	29.2434, 0.3572, 0.2298
Android (android.graphics.Color)	4293027263 (0xFFE265BF)
YUV	148.6350, 20.8859, 67.8491
Hunter-Lab	54.0771, 55.3816, -19.7680

Details

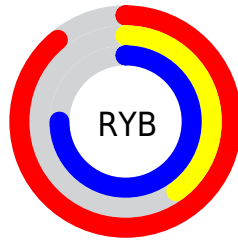
The YIQ color **148.6350, 45.6100, 54.4900** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **178.3650, -45.6100, -54.4900**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6760, 29.1970, 49.0770**, and **91.0910, 44.3260, 55.7340** is the 20% darker color. If you saturate the color by 10%, you get **134.4500, 53.8610, 64.6530**, and if you desaturate by 10%, it is **162.8200, 37.3590, 44.3270**.

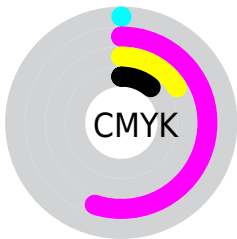
Distribution



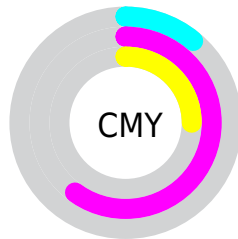
- Red (89%)
- Green (40%)
- Blue (75%)



- Red (89%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (55%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6350, 45.6100, 54.4900 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 148.6350, 45.6100, 54.4900 by changing the saturation by 10% instead.

148.6350, 45.6100,
54.4900

148.6350, 45.6100,
54.4900

255.0000, -0.0000,
-0.0000

120.4500, 44.6930,
54.5890

196.6760, 29.1970,
49.0770

91.0910, 44.3260,
55.7340

213.9100, 19.2500,
36.6100

54.6280, 47.4880,
64.5120

230.9330, 11.2750,
21.4430

43.4060, 38.8250,
50.8010

247.9560, 3.3000,
6.2760

32.7110, 30.1160,
37.9240

22.7280, 22.2780,
25.7820

11.1360, 11.7810,

12.2690

■ 0.0000, 0.0000,
0.0000

■ 148.6350, 45.6100,
54.4900

■ 148.6350, 45.6100,
54.4900

■ 134.4500, 53.8610,
64.6530

■ 162.8200, 37.3590,
44.3270

■ 120.7380, 62.1580,
73.9820

■ 176.5320, 29.0620,
34.9980

■ 106.5530, 70.4090,
84.1450

■ 190.7170, 20.8110,
24.8350

■ 92.9550, 78.3850,
93.7850

■ 204.3150, 12.8350,
15.1950

■ 86.1560, 82.3730,
98.6050

■ 218.6140, 4.2630,
5.3430

■ 232.7990, -3.9880,
-4.8200

■ 244.0490,
-10.8640, -12.3680

■ 244.8470,
-13.1110, -10.1910

■ 245.5310,
-15.0370, -8.3250

Harmonies

Analogous

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



151.2120, -10.5990, 43.4250



148.6350, 45.6100, 54.4900



142.9590, 79.4480, 46.9680

Triad

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



148.6350, 45.6100, 54.4900



137.0410, 52.3670, -40.4730



125.4740, -116.3150, -23.0910

Complementary

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



148.6350, 45.6100, 54.4900



178.3650, -45.6100, -54.4900

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.



120.4920, -99.5310, -40.9310



148.6350, 45.6100, 54.4900



131.4660, -0.3580, -48.5980

Square

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



148.6350, 45.6100, 54.4900



142.2040, 77.8540, -12.2740



112.0050, -79.7670, -57.7110



124.8820, -125.6710, -7.7110

Rectangle

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



148.6350, 45.6100, 54.4900



142.2520, 88.2080, 31.3760



112.0050, -79.7670, -57.7110



124.1230, -111.1330, -28.9010

Sweetspot

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



148.6350, 45.6100, 54.4900



228.3910, 15.6770, 18.7570



125.1170, -20.4570, 45.8710



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.



148.6350, 45.6100, 54.4900



151.0260, 61.2870, 73.2470



141.6810, 65.1910, 35.5190



105.2010, 3.9880, 4.8200



67.1020, 64.1290, 76.8090



18.3420, 17.3730, 21.0610

Inverse Universe

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



148.6350, 45.6100, 54.4900



151.0260, 61.2870, 73.2470



185.3190, -65.1910, -35.5190



105.2010, 3.9880, 4.8200



67.1020, 64.1290, 76.8090



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 148.6350, 45.6100, 54.4900 looks on a white background.

Color Contrast Check

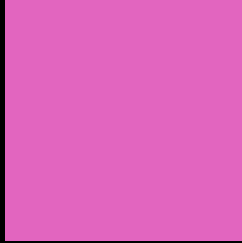
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6350, 45.6100, 54.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

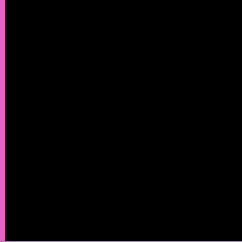
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.6350, 45.6100, 54.4900

Background



This preview shows how black text looks on a background with the YIQ color 148.6350, 45.6100, 54.4900.



This preview shows how white text looks on a background with the YIQ color 148.6350, 45.6100,

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

148.6350, 45.6100, 54.4900

Protanopia

146.3460, -41.1760, 19.3680

Deuteranopia

148.8480, -13.7110, 11.7050



Tritanopia

147.8230, 58.4990, 24.6350

Trichromacy



Original Color

148.6350, 45.6100, 54.4900



Protanomaly

147.2470, -9.6800, 32.2720



Deuteranomaly

148.7680, 7.6060, 27.3660



Tritanomaly

148.5210, 53.9580, 35.3500

Monochromacy



Original Color

148.6350, 45.6100, 54.4900



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

149.1030, 16.5480, 19.4920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6350, 45.6100, 54.4900 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(226, 101, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 101, 191)  
}
```

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(226, 101, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 101, 191) }
```

Border

The CSS property to change the border of an element to YIQ 148.6350, 45.6100, 54.4900 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(226, 101, 191) }
```


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

```
.border{ border-color:rgb(226, 101, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 101, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 101, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 101, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 101,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6350, 45.6100, 54.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 101, 191) }
```

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

```
.background{ background-color: rgb(226,  
101, 191) }
```

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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