

Converting Colors

YIQ(151.1480, 48.1790, 46.4750)

Have a look what the booklet for
YIQ(151.1480, 48.1790, 46.4750)
contains.

YIQ(151.1480, 48.1790, 46.4750)	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(151.1480, 48.1790,
46.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	E26CB1
RGB	226, 108, 177
RGB Percent	89%, 42%, 69%
CMY	0.1134, 0.5766, 0.3057
CMYK	0.00, 0.52, 0.22, 0.11
HSL	325°, 67%, 65%
HSV	325°, 52%, 89%
XYZ	44.6866, 30.0725, 45.0627
YIQ	151.1480, 48.1790, 46.4750

Conversions

Conversions Part 2

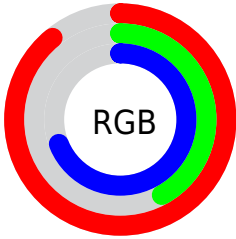
Format	Color
RYB	226, 108, 177
Decimal	14838961
CIELab	61.72, 53.81, -15.05
CIELCh	62, 55.870, 344.373
Yxy	30.0725, 0.3729, 0.2510
Android (android.graphics.Color)	4293029041 (0xFFE26CB1)
YUV	151.1480, 12.7450, 65.6452
Hunter-Lab	54.8384, 49.4884, -10.3338

Details

The YIQ color **151.1480, 48.1790, 46.4750** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **182.8520, -48.1790, -46.4750**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4880, 32.3620, 41.2740**, and **95.4790, 45.7490, 46.4610** is the 20% darker color. If you saturate the color by 10%, you get **136.6210, 57.3930, 55.7050**, and if you desaturate by 10%, it is **165.6750, 38.9650, 37.2450**.

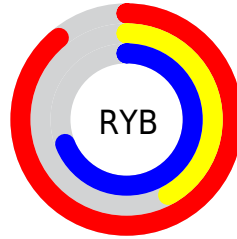
Distribution



Red (89%)

Green (42%)

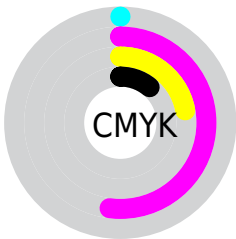
Blue (69%)



Red (89%)

Yellow (42%)

Blue (69%)

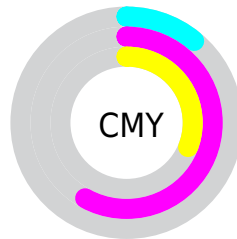


Cyan (0%)

Magenta (52%)

Yellow (22%)

Black (11%)



Cyan (11%)

Magenta (58%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.1480, 48.1790, 46.4750 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 151.1480, 48.1790, 46.4750 by changing the saturation by 10% instead.

151.1480, 48.1790,
46.4750

151.1480, 48.1790,
46.4750

255.0000, -0.0000,
-0.0000

123.5500, 46.9870,
46.0510

198.4880, 32.3620,
41.2740

95.4790, 45.7490,
46.4610

217.4320, 17.6000,
33.4720

64.8860, 46.1610,
50.0090

234.4550, 9.6250,
18.3050

42.0380, 42.6770,
47.0690

251.4780, 1.6500,
3.1380

31.4570, 33.6470,
34.5030

21.5880, 25.4880,
22.6720

9.6110, 17.5130,

7.5050

■ 0.0000, 0.0000,
0.0000

■ 151.1480, 48.1790,
46.4750

■ 151.1480, 48.1790,
46.4750

■ 136.6210, 57.3930,
55.7050

■ 165.6750, 38.9650,
37.2450

■ 122.5670, 66.6530,
64.1010

■ 179.7290, 29.7050,
28.8490

■ 108.0400, 75.8670,
73.3310

■ 194.2560, 20.4910,
19.6190

■ 93.9860, 85.1270,
81.7270

■ 208.3100, 11.2310,
11.2230

■ 82.6220, 92.3240,
88.9640

■ 222.8370, 2.0170,
1.9930

■ 237.3640, -7.1970,
-7.2370

■ 244.9610,
-13.4320, -9.8800

■ 245.9870,
-16.3210, -7.0810

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



153.4600, 3.2020, 41.1060



151.1480, 48.1790, 46.4750



147.8730, 73.3980, 35.4620

Triad

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



151.1480, 48.1790, 46.4750



141.2750, 34.3930, -34.1110



124.5280, -116.4070, -21.4230

Complementary

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



151.1480, 48.1790, 46.4750



182.8520, -48.1790, -46.4750

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.



121.1590, -102.7870, -36.9870



151.1480, 48.1790, 46.4750



134.2940, -11.3170, -42.7170

Square

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



151.1480, 48.1790, 46.4750



144.9080, 64.0080, -14.6480



114.1710, -85.8660, -51.8020



122.9100, -122.8740, -8.8420

Rectangle

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



151.1480, 48.1790, 46.4750



146.9530, 78.4440, 21.1000



114.1710, -85.8660, -51.8020



124.2200, -112.7840, -26.5120

Sweetspot

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



151.1480, 48.1790, 46.4750



228.9950, 16.7320, 16.1560



135.5050, -9.8660, 46.6620



112.0710, 10.4060, 9.6540



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.



151.1480, 48.1790, 46.4750



152.8550, 65.7820, 63.3660



144.6500, 66.4760, 28.7480



105.0870, 4.3090, 4.5090



64.3660, 71.8330, 69.3450



17.5440, 19.6200, 18.8840

Inverse Universe

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



151.1480, 48.1790, 46.4750



152.8550, 65.7820, 63.3660



189.3500, -66.4760, -28.7480



105.0870, 4.3090, 4.5090



64.3660, 71.8330, 69.3450



17.5440, 19.6200, 18.8840

Previews

White Background



This preview shows how the YIQ color 151.1480, 48.1790, 46.4750 looks on a white background.

Color Contrast Check

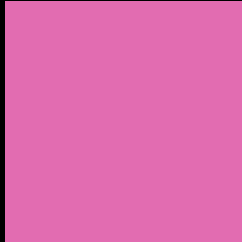
Large Text (above 18pt) WCAG AA × Fail

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 151.1480, 48.1790, 46.4750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

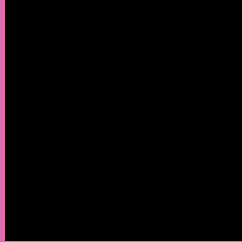
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.1480, 48.1790, 46.4750

Background



This preview shows how black text looks on a background with the YIQ color 151.1480, 48.1790, 46.4750.



This preview shows how white text looks on a background with the YIQ color 151.1480, 48.1790,

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

151.1480, 48.1790, 46.4750

Protanopia

150.0130, -27.2370, 14.5470

Deuteranopia

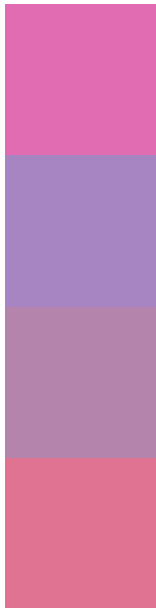
151.2420, -3.2570, 9.4710



Tritanopia

150.4100, 58.2240, 24.1120

Trichromacy



Original Color

151.1480, 48.1790, 46.4750

Protanomaly

150.2340, 0.3620, 26.4900

Deuteranomaly

151.0260, 15.4470, 22.9270

Tritanomaly

150.7120, 54.7380, 32.2260

Monochromacy



Original Color

151.1480, 48.1790, 46.4750

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.7070, 17.6030, 16.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.1480, 48.1790, 46.4750 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, 108, 177)` looks like.

```
.text, #text, p{  
    color:rgb(226, 108, 177)  
}
```

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, 108, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 108, 177) }
```

Border

The CSS property to change the border of an element to YIQ 151.1480, 48.1790, 46.4750 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, 108, 177) }
```


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

```
.border{ border-color:rgb(226, 108, 177) }
```

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

Here you see how a box with a 4 pixel rgb(226, 108, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 108, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 108, 177);  
box-shadow:4px 4px 4px 4px rgb(226, 108,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 151.1480, 48.1790, 46.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 108, 177) }
```

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

```
.background{ background-color: rgb(226,  
108, 177) }
```

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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