

Converting Colors

YIQ(111.1760, 50.9760, 45.3440)

Have a look what the booklet for
YIQ(111.1760, 50.9760, 45.3440)
contains.

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Color

**YIQ(111.1760, 50.9760,
45.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4484
RGB	188, 68, 132
RGB Percent	74%, 27%, 52%
CMY	0.2624, 0.7335, 0.4822
CMYK	0.00, 0.64, 0.30, 0.26
HSL	328°, 47%, 50%
HSV	328°, 64%, 74%
XYZ	26.9911, 16.4971, 23.6054
YIQ	111.1760, 50.9760, 45.3440

Conversions

Conversions Part 2

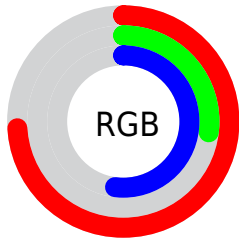
Format	Color
R_{YB}	188, 68, 132
Decimal	12338308
CIE _{Lab}	47.62, 54.42, -10.46
CIE _{LCh}	48, 55.419, 349.123
Yxy	16.4971, 0.4023, 0.2459
Android (android.graphics.Color)	4290528388 (0xFFBC4484)
YUV	111.1760, 10.2662, 67.3746
Hunter-Lab	40.6166, 47.5402, -6.0264

Details

The YIQ color **111.1760, 50.9760, 45.3440** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **144.8240, -50.9760, -45.3440**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1440, 54.0020, 45.5700**, and **48.6310, 51.4330, 53.5850** is the 20% darker color. If you saturate the color by 10%, you get **98.9970, 59.0900, 52.4820**, and if you desaturate by 10%, it is **123.3550, 42.8620, 38.2060**.

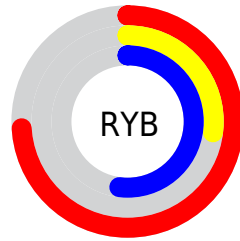
Distribution



Red (74%)

Green (27%)

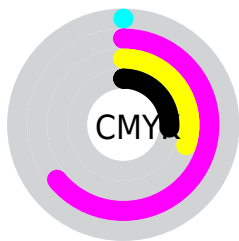
Blue (52%)



Red (74%)

Yellow (27%)

Blue (52%)

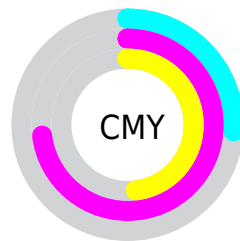


Cyan (0%)

Magenta (64%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (73%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.1760, 50.9760, 45.3440 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 111.1760, 50.9760, 45.3440 by changing the saturation by 10% instead.


 111.1760, 50.9760,
45.3440


 111.1760, 50.9760,
45.3440


255.0000, -0.0000,
-0.0000


 82.6320, 49.6920,
46.5880


 167.1440, 54.0020,
45.5700


 48.6310, 51.4330,
53.5850


 188.5770, 42.3570,
41.8530

 37.6370, 42.1280,
40.4960


 208.7920, 25.3940,
35.3940

 27.0560, 33.0980,
27.9300

 226.8240, 13.2000,
25.1040

 17.0730, 25.2600,
15.7880

 243.8470, 5.2250,
9.9370

 0.8970, 1.7880,
0.6360

 0.0000, 0.0000,

0.0000

■ 111.1760, 50.9760,
45.3440

■ 111.1760, 50.9760,
45.3440

■ 98.9970, 59.0900,
52.4820

■ 123.3550, 42.8620,
38.2060

■ 86.8180, 67.2040,
59.6200

■ 135.5340, 34.7480,
31.0680

■ 75.3400, 74.7220,
66.5460

■ 147.0120, 27.2300,
24.1420

■ 67.6120, 79.9480,
70.9560

■ 159.1910, 19.1160,
17.0040

■ 171.3700, 11.0020,
9.8660

■ 183.5490, 2.8880,
2.7280

■ 195.6140, -4.9050,
-4.7210

■ 207.2060,
-12.7440, -11.3360

■ 219.3850,
-20.8580, -18.4740

Harmonies

Analogous

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



116.4670, 10.4920, 41.1480



111.1760, 50.9760, 45.3440



108.2100, 70.8310, 32.4230

Triad

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



111.1760, 50.9760, 45.3440



102.6610, 30.1300, -39.4540



98.3460, -95.0430, -12.1230

Complementary

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



111.1760, 50.9760, 45.3440



144.8240, -50.9760, -45.3440

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.



95.4330, -82.7070, -26.4430



111.1760, 50.9760, 45.3440



95.1340, -22.5500, -42.8860

Square

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



111.1760, 50.9760, 45.3440



106.5990, 60.2040, -22.8040



89.3740, -67.0240, -40.8480



95.5710, -99.6300, -0.5740

Rectangle

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



111.1760, 50.9760, 45.3440



108.3820, 72.6220, 16.4780



89.3740, -67.0240, -40.8480



97.5650, -91.4660, -16.3780

Sweetspot

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



111.1760, 50.9760, 45.3440



214.9030, 19.9870, 17.7390



97.8260, -6.3360, 48.7680



104.0820, 11.8730, 10.6010



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.1760, 50.9760, 45.3440



124.0250, 80.2230, 71.4790



104.5640, 69.5940, 27.3060



88.2610, 3.7590, 3.4630



56.8180, 67.2040, 59.6200



11.0930, 13.3400, 11.5480

Inverse Universe

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



111.1760, 50.9760, 45.3440



124.0250, 80.2230, 71.4790



151.4360, -69.5940, -27.3060



88.2610, 3.7590, 3.4630



56.8180, 67.2040, 59.6200



11.0930, 13.3400, 11.5480

Previews

White Background



This preview shows how the YIQ color 111.1760, 50.9760, 45.3440 looks on a white background.

Color Contrast Check

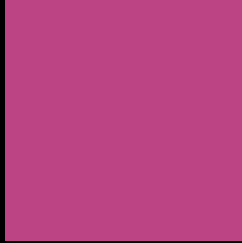
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 111.1760, 50.9760, 45.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

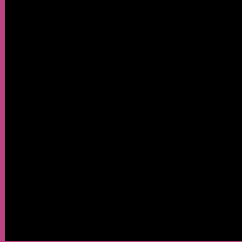
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.1760, 50.9760, 45.3440

Background



This preview shows how black text looks on a background with the YIQ color 111.1760, 50.9760, 45.3440.



This preview shows how white text looks on a background with the YIQ color 111.1760, 50.9760,

45.3440.

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

111.1760, 50.9760, 45.3440

Protanopia

113.6280, -24.7150, 12.8930

Deuteranopia

115.1020, -0.0470, 6.3610



Tritanopia

111.0790, 60.6540, 24.1260

Trichromacy



Original Color

111.1760, 50.9760, 45.3440

Protanomaly

112.8490, 2.8840, 24.8360

Deuteranomaly

113.4130, 18.6110, 20.6510

Tritanomaly

110.9680, 56.8930, 31.7170

Monochromacy



Original Color

111.1760, 50.9760, 45.3440

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.8920, 18.5200, 16.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.1760, 50.9760, 45.3440 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(188, 68, 132)` looks like.

```
.text, #text, p{  
    color:rgb(188, 68, 132)  
}
```

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(188, 68, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 68, 132) }
```

Border

The CSS property to change the border of an element to YIQ 111.1760, 50.9760, 45.3440 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(188, 68, 132) }
```


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

```
.border{ border-color:rgb(188, 68, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 68, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 68, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 68, 132);  
box-shadow:4px 4px 4px 4px rgb(188, 68,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 111.1760, 50.9760, 45.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 68, 132) }
```

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

```
.background{ background-color: rgb(188, 68,  
132) }
```

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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