

Converting Colors

YIQ(136.4960, 45.9380, 15.4900)

Have a look what the booklet for
YIQ(136.4960, 45.9380, 15.4900)
contains.

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Color

**YIQ(136.4960, 45.9380,
15.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7270
RGB	190, 114, 112
RGB Percent	75%, 45%, 44%
CMY	0.2547, 0.5530, 0.5606
CMYK	0.00, 0.40, 0.41, 0.25
HSL	1°, 38%, 59%
HSV	1°, 41%, 75%
XYZ	30.1876, 24.1514, 18.4135
YIQ	136.4960, 45.9380, 15.4900

Conversions

Conversions Part 2

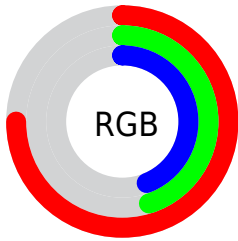
Format	Color
R_{YB}	190, 114, 112
Decimal	12481136
CIE _{Lab}	56.24, 29.77, 13.95
CIE _{LCh}	56, 32.872, 25.111
Yxy	24.1514, 0.4149, 0.3320
Android (android.graphics.Color)	4290671216 (0xFFBE7270)
YUV	136.4960, -12.0765, 46.9230
Hunter-Lab	49.1440, 23.6447, 12.1857

Details

The YIQ color **136.4960, 45.9380, 15.4900** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **165.5040, -45.9380, -15.4900**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8770, 49.2390, 16.2390**, and **84.9300, 41.7200, 14.8400** is the 20% darker color. If you saturate the color by 10%, you get **123.1770, 57.2620, 19.5180**, and if you desaturate by 10%, it is **149.8150, 34.6140, 11.4620**.

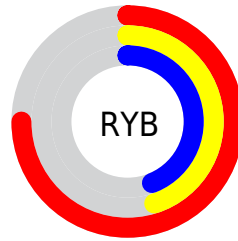
Distribution



Red (75%)

Green (45%)

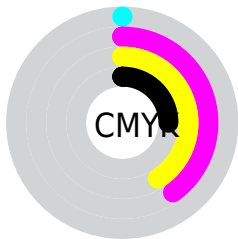
Blue (44%)



Red (75%)

Yellow (45%)

Blue (44%)

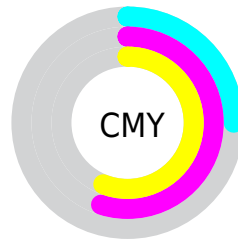


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.4960, 45.9380, 15.4900 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 136.4960, 45.9380, 15.4900 by changing the saturation by 10% instead.


 136.4960, 45.9380,
15.4900


 136.4960, 45.9380,
15.4900


255.0000, -0.0000,
-0.0000


 110.7130, 43.8290,
15.1650


 190.8770, 49.2390,
16.2390

 84.9300, 41.7200,
14.8400


 211.8970, 37.3190,
11.9990


 60.2610, 39.2900,
14.8260

 231.5250, 20.6310,
6.0630

 35.8200, 36.2180,
15.4340

 251.7400, 3.6680,
-0.3960

 16.4450, 32.7800,
11.6600

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 136.4960, 45.9380,
15.4900

■ 136.4960, 45.9380,
15.4900

■ 123.1770, 57.2620,
19.5180

■ 149.8150, 34.6140,
11.4620

■ 110.4450, 68.3110,
23.0230

■ 162.5470, 23.5650,
7.9570

■ 97.1260, 79.6350,
27.0510

■ 175.8660, 12.2410,
3.9290

■ 84.3940, 90.6840,
30.5560

■ 188.5980, 1.1920,
0.4240

■ 71.0750, 102.0080,
34.5840

■ 201.9170,
-10.1320, -3.6040

■ 59.7450, 111.8650,
37.6650

■ 214.6490,
-21.1810, -7.1090

■ 227.9680,
-32.5050, -11.1370

■ 235.5650,
-38.7400, -13.7800

Harmonies

Analogous

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



138.0190, 34.5200, 24.1840



136.4960, 45.9380, 15.4900



135.2810, 44.5650, 1.8210

Triad

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



136.4960, 45.9380, 15.4900



126.2080, -16.2260, -25.3300



128.4830, -49.4720, 4.5120

Complementary

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



136.4960, 45.9380, 15.4900



165.5040, -45.9380, -15.4900

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.



113.8110, -83.3510, -14.7670



136.4960, 45.9380, 15.4900



119.5000, -49.2830, -26.4590

Square

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



136.4960, 45.9380, 15.4900



130.0990, 12.0620, -20.3700



106.0620, -91.9680, -29.3120



136.0960, -17.1050, 18.1510

Rectangle

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



136.4960, 45.9380, 15.4900



133.8900, 38.0560, -6.8720



106.0620, -91.9680, -29.3120



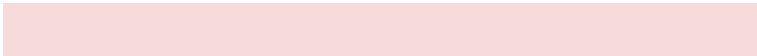
124.7480, -60.7040, -1.1840

Sweetspot

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



136.4960, 45.9380, 15.4900



226.6710, 17.2840, 6.1480



144.1000, 21.7710, 40.4830



112.9690, 10.4530, 3.2930



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



136.4960, 45.9380, 15.4900



163.9400, 71.2910, 24.0830



158.8020, 35.4880, -4.3840



87.6910, 5.3640, 1.9080



49.5900, 93.0680, 31.4040



9.8560, 18.2010, 6.0490

Inverse Universe

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



165.5040, -45.9380, -15.4900



209.0600, -71.2910, -24.0830



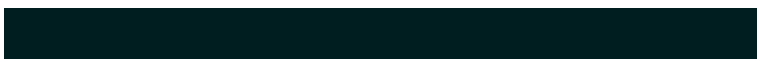
143.1980, -35.4880, 4.3840



91.3090, -5.3640, -1.9080



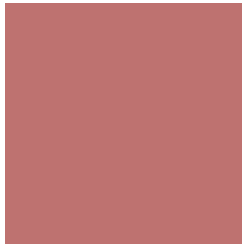
108.4100, -93.0680, -31.4040



21.1440, -18.2010, -6.0490

Previews

White Background



This preview shows how the YIQ color 136.4960, 45.9380, 15.4900 looks on a white background.

Color Contrast Check

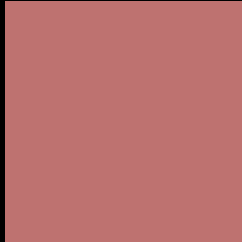
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4960, 45.9380, 15.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

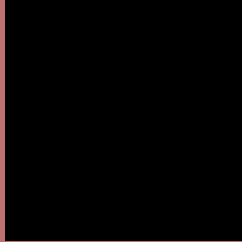
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.4960, 45.9380, 15.4900

Background



This preview shows how black text looks on a background with the YIQ color 136.4960, 45.9380, 15.4900.



This preview shows how white text looks on a background with the YIQ color 136.4960, 45.9380,

15.4900.

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

136.4960, 45.9380, 15.4900

Protanopia

135.4260, 7.4280, -2.4600

Deuteranopia

135.6790, 22.8330, -0.8070



Tritanopia

137.2340, 43.9200, 19.0240

Trichromacy



Original Color

136.4960, 45.9380, 15.4900

Protanomaly

135.6560, 21.6400, 4.2960

Deuteranomaly

135.8590, 31.3140, 5.1860

Tritanomaly

136.8920, 44.8830, 18.0910

Monochromacy



Original Color

136.4960, 45.9380, 15.4900

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.2580, 17.0090, 5.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4960, 45.9380, 15.4900 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(190, 114, 112)` looks like.

```
.text, #text, p{  
    color:rgb(190, 114, 112)  
}
```

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(190, 114, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 114, 112) }
```

Border

The CSS property to change the border of an element to YIQ 136.4960, 45.9380, 15.4900 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(190, 114, 112) }
```


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

```
.border{ border-color:rgb(190, 114, 112) }
```

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

Here you see how a box with a 4 pixel rgb(190, 114, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 114, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 114, 112);  
box-shadow:4px 4px 4px 4px rgb(190, 114,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4960, 45.9380, 15.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 114, 112) }
```

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

```
.background{ background-color: rgb(190,  
114, 112) }
```

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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