

Converting Colors

YIQ(138.6600, 51.3480, 16.5640)

Have a look what the booklet for
YIQ(138.6600, 51.3480, 16.5640)
contains.

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Color

**YIQ(138.6600, 51.3480,
16.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	C6726E
RGB	198, 114, 110
RGB Percent	78%, 45%, 43%
CMY	0.2233, 0.5531, 0.5684
CMYK	0.00, 0.42, 0.44, 0.22
HSL	3°, 44%, 60%
HSV	3°, 44%, 78%
XYZ	32.1327, 25.1662, 17.9309
YIQ	138.6600, 51.3480, 16.5640

Conversions

Conversions Part 2

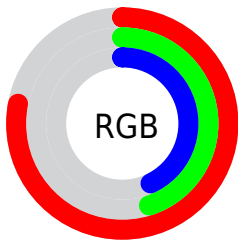
Format	Color
R_{YB}	198, 114, 110
Decimal	13005422
CIE _{Lab}	57.24, 32.64, 16.65
CIE _{LCh}	57, 36.638, 27.021
Yxy	25.1662, 0.4271, 0.3345
Android (android.graphics.Color)	4291195502 (0xFFC6726E)
YUV	138.6600, -14.1294, 52.0412
Hunter-Lab	50.1659, 26.5438, 13.9240

Details

The YIQ color **138.6600, 51.3480, 16.5640** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **169.3400, -51.3480, -16.5640**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.7420, 54.0530, 17.1010**, and **86.7950, 46.5340, 15.7020** is the 20% darker color. If you saturate the color by 10%, you get **125.2270, 62.9930, 20.2810**, and if you desaturate by 10%, it is **152.0930, 39.7030, 12.8470**.

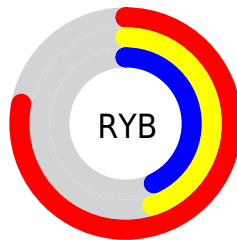
Distribution



Red (78%)

Green (45%)

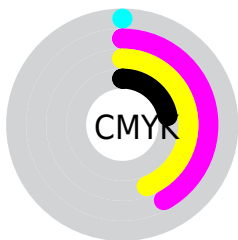
Blue (43%)



Red (78%)

Yellow (45%)

Blue (43%)

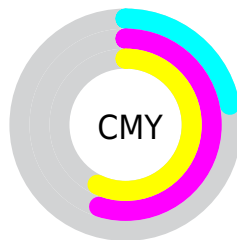


Cyan (0%)

Magenta (42%)

Yellow (44%)

Black (22%)



Cyan (22%)


Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.6600, 51.3480, 16.5640 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 138.6600, 51.3480, 16.5640 by changing the saturation by 10% instead.


 138.6600, 51.3480,
16.5640


 138.6600, 51.3480,
16.5640


255.0000, -0.0000,
-0.0000


 112.5780, 48.6430,
16.0270


 192.7420, 54.0530,
17.1010


 86.9090, 46.2130,
16.0130


 212.2560, 37.6860,
10.8540


 61.9410, 43.1870,
15.7870

 231.7700, 21.3190,
4.6070

 36.2120, 40.9860,
17.1300

 252.0990, 4.0350,
-1.5410

 17.9400, 35.7600,
12.7200

 10.2800, 19.9430,
7.5190

 0.0000, 0.0000,

0.0000

■ 138.6600, 51.3480,
16.5640

■ 138.6600, 51.3480,
16.5640

■ 125.2270, 62.9930,
20.2810

■ 152.0930, 39.7030,
12.8470

■ 111.7940, 74.6380,
23.9980

■ 165.5260, 28.0580,
9.1300

■ 98.4750, 85.9620,
28.0260

■ 178.8450, 16.7340,
5.1020

■ 85.0420, 97.6070,
31.7430

■ 192.2780, 5.0890,
1.3850

■ 71.6090, 109.2520,
35.4600

■ 205.7110, -6.5560,
-2.3320

■ 64.4850, 115.5330,
37.2690

■ 219.1440,
-18.2010, -6.0490

■ 231.9900,
-29.5710, -9.2430

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



140.2370, 39.8380, 26.9260



138.6600, 51.3480, 16.5640



137.2060, 49.1500, 1.3260

Triad

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



138.6600, 51.3480, 16.5640



127.0610, -20.3060, -28.4820



130.1880, -55.8910, 5.2050

Complementary

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



138.6600, 51.3480, 16.5640



169.3400, -51.3480, -16.5640

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.



109.7100, -102.2400, -19.3600



138.6600, 51.3480, 16.5640



116.6230, -62.9910, -31.3350

Square

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



138.6600, 51.3480, 16.5640



131.8060, 11.3290, -23.6070



109.2080, -95.3150, -29.2270



139.0900, -16.9680, 21.1760

Rectangle

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



138.6600, 51.3480, 16.5640



136.2770, 41.2200, -9.1480



109.2080, -95.3150, -29.2270



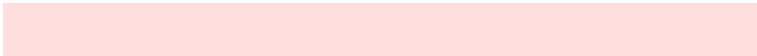
124.8440, -69.7820, -1.8620

Sweetspot

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



138.6600, 51.3480, 16.5640



232.4540, 19.3930, 6.4730



146.0020, 25.1630, 45.0910



113.8660, 12.2410, 3.9290



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.



138.6600, 51.3480, 16.5640



163.8870, 78.8100, 25.4820



163.9010, 39.5230, -5.9250



92.6910, 5.3640, 1.9080



52.8460, 95.2230, 30.8950



11.9380, 20.9060, 6.5860

Inverse Universe

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



169.3400, -51.3480, -16.5640



211.1130, -78.8100, -25.4820



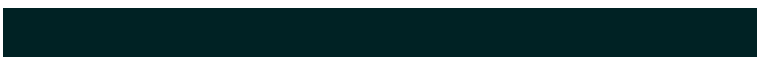
144.0990, -39.5230, 5.9250



96.3090, -5.3640, -1.9080



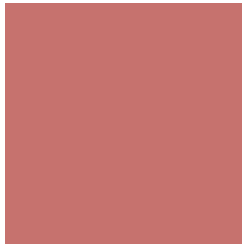
110.1540, -95.2230, -30.8950



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 138.6600, 51.3480, 16.5640 looks on a white background.

Color Contrast Check

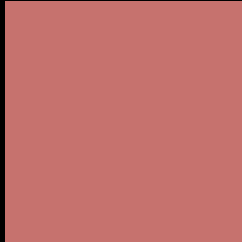
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6600, 51.3480, 16.5640 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 138.6600, 51.3480, 16.5640

Background



This preview shows how black text looks on a background with the YIQ color 138.6600, 51.3480, 16.5640.



This preview shows how white text looks on a background with the YIQ color 138.6600, 51.3480,

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

138.6600, 51.3480, 16.5640

Protanopia

137.3830, 8.9870, -3.1810

Deuteranopia

138.1200, 25.9050, -1.4150



Tritanopia

139.0390, 48.9630, 21.2430

Trichromacy



Original Color

138.6600, 51.3480, 16.5640

Protanomaly

138.2110, 24.3910, 3.9990

Deuteranomaly

138.0120, 35.2570, 5.3130

Tritanomaly

139.1700, 49.9720, 19.4760

Monochromacy



Original Color

138.6600, 51.3480, 16.5640

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7420, 18.5220, 5.7380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.6600, 51.3480, 16.5640 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(198, 114, 110)` looks like.

```
.text, #text, p{  
    color:rgb(198, 114, 110)  
}
```

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(198, 114, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 114, 110) }
```

Border

The CSS property to change the border of an element to YIQ 138.6600, 51.3480, 16.5640 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(198, 114, 110) }
```


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

```
.border{ border-color:rgb(198, 114, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 114, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 114, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 114, 110);  
box-shadow:4px 4px 4px 4px rgb(198, 114,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 138.6600, 51.3480, 16.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 114, 110) }
```

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

```
.background{ background-color: rgb(198,  
114, 110) }
```

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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