

Converting Colors

YIQ(135.0830, 45.6630, 14.9670)

Have a look what the booklet for
YIQ(135.0830, 45.6630, 14.9670)
contains.

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Color

**YIQ(135.0830, 45.6630,
14.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	BC716E
RGB	188, 113, 110
RGB Percent	74%, 44%, 43%
CMY	0.2626, 0.5570, 0.5684
CMYK	0.00, 0.40, 0.41, 0.26
HSL	2°, 37%, 58%
HSV	2°, 41%, 74%
XYZ	29.4688, 23.6271, 17.7725
YIQ	135.0830, 45.6630, 14.9670

Conversions

Conversions Part 2

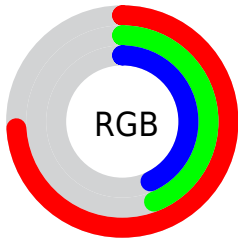
Format	Color
R _Y B	188, 113, 110
Decimal	12349806
CIE Lab	55.71, 29.31, 14.34
CIE LCh	56, 32.626, 26.075
Yxy	23.6271, 0.4158, 0.3334
Android (android.graphics.Color)	4290539886 (0xFFBC716E)
YUV	135.0830, -12.3659, 46.4082
Hunter-Lab	48.6077, 23.1533, 12.3471

Details

The YIQ color **135.0830, 45.6630, 14.9670** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **162.9170, -45.6630, -14.9670**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.4640, 48.9640, 15.7160**, and **83.5170, 41.4450, 14.3170** is the 20% darker color. If you saturate the color by 10%, you get **122.3510, 56.7120, 18.4720**, and if you desaturate by 10%, it is **147.8150, 34.6140, 11.4620**.

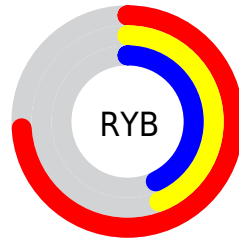
Distribution



Red (74%)

Green (44%)

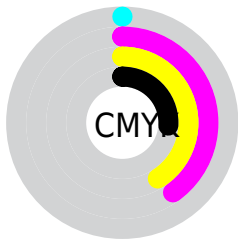
Blue (43%)



Red (74%)

Yellow (44%)

Blue (43%)

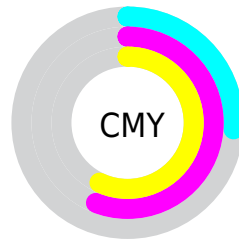


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (26%)



Cyan (26%)


Magenta (56%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.0830, 45.6630, 14.9670 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 135.0830, 45.6630, 14.9670 by changing the saturation by 10% instead.


 135.0830, 45.6630,
14.9670


 135.0830, 45.6630,
14.9670


255.0000, -0.0000,
-0.0000


 109.3000, 43.5540,
14.6420


 189.4640, 48.9640,
15.7160


 83.6310, 41.1240,
14.6280


 211.0820, 38.2360,
11.9000


 59.5490, 38.4190,
14.0910

 230.5960, 21.8690,
5.6530

 34.9940, 35.6680,
14.3880

 250.9250, 4.5850,
-0.4950

 15.8470, 31.5880,
11.2360

 6.8770, 13.7080,
4.8760

 0.0000, 0.0000,

0.0000

■ 135.0830, 45.6630,
14.9670

■ 135.0830, 45.6630,
14.9670

■ 122.3510, 56.7120,
18.4720

■ 147.8150, 34.6140,
11.4620

■ 109.6190, 67.7610,
21.9770

■ 160.5470, 23.5650,
7.9570

■ 97.0010, 78.4890,
25.7930

■ 173.1650, 12.8370,
4.1410

■ 84.2690, 89.5380,
29.2980

■ 185.8970, 1.7880,
0.6360

■ 70.9500, 100.8620,
33.3260

■ 198.6290, -9.2610,
-2.8690

■ 60.3210, 110.1230,
36.1950

■ 211.9480,
-20.5850, -6.8970

■ 224.6800,
-31.6340, -10.4020

■ 234.9670,
-39.9320, -14.2040

Harmonies

Analogous

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



136.7910, 35.1620, 23.5620



135.0830, 45.6630, 14.9670



133.8680, 44.2900, 1.2980

Triad

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



135.0830, 45.6630, 14.9670



124.4360, -16.8680, -24.7080



127.4940, -48.0050, 5.4590

Complementary

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



135.0830, 45.6630, 14.9670



162.9170, -45.6630, -14.9670

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.



113.7080, -81.5630, -14.1310



135.0830, 45.6630, 14.9670



117.7280, -49.9250, -25.8370

Square

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



135.0830, 45.6630, 14.9670



128.9140, 11.1450, -20.2710



104.7740, -91.0970, -28.5770



135.2810, -16.1880, 18.0520

Rectangle

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



135.0830, 45.6630, 14.9670



132.2920, 36.8640, -7.2960



104.7740, -91.0970, -28.5770



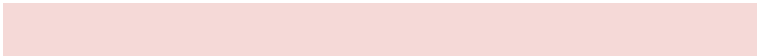
123.6450, -58.9160, -0.5480

Sweetspot

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



135.0830, 45.6630, 14.9670



225.1440, 17.3300, 5.3140



141.8720, 22.4130, 39.8610



110.6700, 9.8570, 3.0810



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.



135.0830, 45.6630, 14.9670



161.7120, 71.9330, 23.4610



157.9760, 34.9380, -5.4300



87.6910, 5.3640, 1.9080



50.7640, 92.5180, 30.3580



9.8560, 18.2010, 6.0490

Inverse Universe

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



162.9170, -45.6630, -14.9670



205.2880, -71.9330, -23.4610



140.0240, -34.9380, 5.4300



91.3090, -5.3640, -1.9080



107.2360, -92.5180, -30.3580



20.5570, -17.9260, -5.5260

Previews

White Background



This preview shows how the YIQ color 135.0830, 45.6630, 14.9670 looks on a white background.

Color Contrast Check

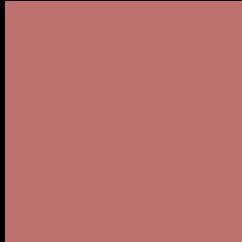
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0830, 45.6630, 14.9670 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 135.0830, 45.6630, 14.9670

Background



This preview shows how black text looks on a background with the YIQ color 135.0830, 45.6630, 14.9670.



This preview shows how white text looks on a background with the YIQ color 135.0830, 45.6630,

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

135.0830, 45.6630, 14.9670

Protanopia

133.3120, 7.7490, -2.7710

Deuteranopia

134.5650, 23.1540, -1.1180



Tritanopia

135.3480, 43.5990, 19.3350

Trichromacy



Original Color

135.0830, 45.6630, 14.9670

Protanomaly

134.1290, 21.6860, 3.4620

Deuteranomaly

134.7450, 31.6350, 4.8750

Tritanomaly

135.4790, 44.6080, 17.5680

Monochromacy



Original Color

135.0830, 45.6630, 14.9670

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9590, 16.4130, 5.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.0830, 45.6630, 14.9670 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, 113, 110)` looks like.

```
.text, #text, p{  
    color:rgb(188, 113, 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(188, 113, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 113, 110) }
```

Border

The CSS property to change the border of an element to YIQ 135.0830, 45.6630, 14.9670 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, 113, 110) }
```


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

```
.border{ border-color:rgb(188, 113, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 113, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 113, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 113, 110);  
box-shadow:4px 4px 4px 4px rgb(188, 113,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 135.0830, 45.6630, 14.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 113, 110) }
```

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

```
.background{ background-color: rgb(188,  
113, 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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