

Converting Colors

YIQ(135.0630, 48.4150, 9.1430)

Have a look what the booklet for
YIQ(135.0630, 48.4150, 9.1430)
contains.

YIQ(135.0630, 48.4150, 9.1430)	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(135.0630, 48.4150,
9.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7461
RGB	187, 116, 97
RGB Percent	73%, 45%, 38%
CMY	0.2665, 0.5452, 0.6194
CMYK	0.00, 0.38, 0.48, 0.27
HSL	13°, 40%, 56%
HSV	13°, 48%, 73%
XYZ	28.9054, 23.9178, 14.4153
YIQ	135.0630, 48.4150, 9.1430

Conversions

Conversions Part 2

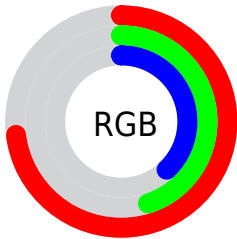
Format	Color
R_{YB}	187, 121, 97
Decimal	12285025
CIE Lab	56.01, 25.87, 22.21
CIE LCh	56, 34.100, 40.649
Yxy	23.9178, 0.4299, 0.3557
Android (android.graphics.Color)	4290475105 (0xFFBB7461)
YUV	135.0630, -18.7651, 45.5487
Hunter-Lab	48.9058, 19.9158, 16.7580

Details

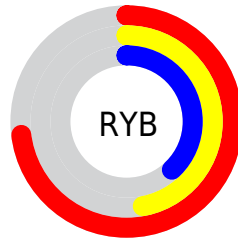
The YIQ color **135.0630, 48.4150, 9.1430** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **148.9370, -48.4150, -9.1430**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.6290, 52.6330, 9.7930**, and **84.1980, 43.6010, 8.2810** is the 20% darker color. If you saturate the color by 10%, you get **124.0920, 58.6390, 11.0790**, and if you desaturate by 10%, it is **146.0340, 38.1910, 7.2070**.

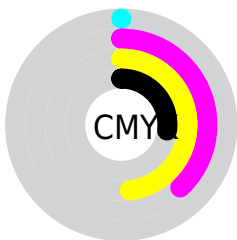
Distribution



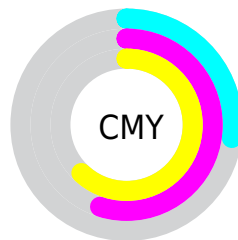
- Red (73%)
- Green (45%)
- Blue (38%)



- Red (73%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (38%)
- Yellow (48%)
- Black (27%)




- Cyan (27%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.0630, 48.4150, 9.1430 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 135.0630, 48.4150, 9.1430 by changing the saturation by 10% instead.


 135.0630, 48.4150,
9.1430


 135.0630, 48.4150,
9.1430


255.0000, -0.0000,
-0.0000


 109.2800, 46.3060,
8.8180


 189.6290, 52.6330,
9.7930


 84.1980, 43.6010,
8.2810


 211.1330, 42.2260,
5.6660


 59.3440, 40.2540,
8.3660

 230.7610, 25.5380,
-0.2700

 35.3330, 38.7870,
7.4190

 250.9760, 8.5750,
-6.7290

 15.2490, 30.3960,
10.8120

 5.9800, 11.9200,
4.2400

 0.0000, 0.0000,

0.0000

■ 135.0630, 48.4150,
9.1430

■ 135.0630, 48.4150,
9.1430

■ 124.0920, 58.6390,
11.0790

■ 146.0340, 38.1910,
7.2070

■ 113.2350, 68.5420,
13.3260

■ 156.8910, 28.2880,
4.9600

■ 102.8510, 78.4910,
14.7390

■ 167.2750, 18.3390,
3.5470

■ 91.8800, 88.7150,
16.6750

■ 178.2460, 8.1150,
1.6110

■ 81.0230, 98.6180,
18.9220

■ 189.2170, -2.1090,
-0.3250

■ 78.8060, 100.7270,
19.2470

■ 200.0740,
-12.0120, -2.5720

■ 210.4580,
-21.9610, -3.9850

■ 221.4290,
-32.1850, -5.9210

■ 231.1460,
-38.8780, -11.2780

Harmonies

Analogous

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



136.5160, 43.1860, 21.3140



135.0630, 48.4150, 9.1430



133.7980, 41.3110, -5.2890

Triad

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



135.0630, 48.4150, 9.1430



121.4000, -34.3820, -26.6860



132.8380, -34.1140, 12.5260

Complementary

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



135.0630, 48.4150, 9.1430



148.9370, -48.4150, -9.1430

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.



120.5510, -70.5150, -5.0990



135.0630, 48.4150, 9.1430



108.9510, -78.5340, -30.4860

Square

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



135.0630, 48.4150, 9.1430



127.7490, -1.6920, -24.4120



106.4840, -95.9120, -23.9120



137.7560, -1.2880, 23.3520

Rectangle

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



135.0630, 48.4150, 9.1430



132.2540, 30.8590, -14.1090



106.4840, -95.9120, -23.9120



129.3310, -45.9880, 7.4520

Sweetspot

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



135.0630, 48.4150, 9.1430



222.2750, 18.3390, 3.5470



132.1180, 30.5280, 41.4720



110.3280, 10.8200, 2.1480



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.



135.0630, 48.4150, 9.1430



160.8830, 75.4650, 14.5130



160.8910, 36.3150, -13.8690



88.8650, 4.8140, 0.8620



66.6130, 85.0930, 16.2370



12.7910, 16.8260, 3.4340

Inverse Universe

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



148.9370, -48.4150, -9.1430



183.1170, -75.4650, -14.5130



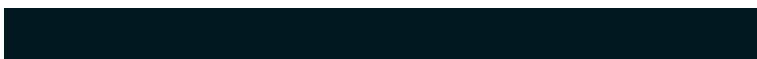
123.1090, -36.3150, 13.8690



90.1350, -4.8140, -0.8620



91.3870, -85.0930, -16.2370



17.6220, -16.5510, -2.9110

Previews

White Background



This preview shows how the YIQ color 135.0630, 48.4150, 9.1430 looks on a white background.

Color Contrast Check

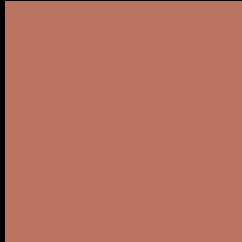
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0630, 48.4150, 9.1430 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 135.0630, 48.4150, 9.1430

Background



This preview shows how black text looks on a background with the YIQ color 135.0630, 48.4150, 9.1430.



This preview shows how white text looks on a background with the YIQ color 135.0630, 48.4150,

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

135.0630, 48.4150, 9.1430

Protanopia

133.3850, 14.6730, -7.1110

Deuteranopia

134.3930, 29.3900, -4.0020



Tritanopia

136.6360, 42.7280, 18.6000

Trichromacy



Original Color

135.0630, 48.4150, 9.1430

Protanomaly

133.7180, 27.0970, -0.9910

Deuteranomaly

134.5620, 36.4040, 1.0440

Tritanomaly

135.8980, 44.7460, 15.0660

Monochromacy



Original Color

135.0630, 48.4150, 9.1430

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9760, 17.7430, 3.3350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.0630, 48.4150, 9.1430 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(187, 116, 97)` looks like.

```
.text, #text, p{  
    color:rgb(187, 116, 97)  
}
```

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(187, 116, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 116, 97) }
```

Border

The CSS property to change the border of an element to YIQ 135.0630, 48.4150, 9.1430 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(187, 116, 97) }
```


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

```
.border{ border-color:rgb(187, 116, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 116, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 116, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 116, 97);  
box-shadow:4px 4px 4px 4px rgb(187, 116,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 135.0630, 48.4150, 9.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 116, 97) }
```

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

```
.background{ background-color: rgb(187,  
116, 97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor