

Converting Colors

YIQ(165.4810, 49.1530,
-15.2550)

Have a look what the booklet for
YIQ(165.4810, 49.1530, -15.2550)
contains.

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Color

**YIQ(165.4810, 49.1530,
-15.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA255
RGB	203, 162, 85
RGB Percent	80%, 64%, 33%
CMY	0.2039, 0.3648, 0.6664
CMYK	0.00, 0.20, 0.58, 0.20
HSL	39°, 53%, 56%
HSV	39°, 58%, 80%
XYZ	39.1916, 39.1897, 14.1066
YIQ	165.4810, 49.1530, -15.2550

Conversions

Conversions Part 2

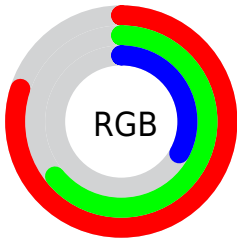
Format	Color
RYB	148, 203, 85
Decimal	13345365
CIELab	68.89, 6.25, 45.16
CIElCh	69, 45.590, 82.115
Yxy	39.1897, 0.4237, 0.4237
Android (android.graphics.Color)	4291535445 (0xFFCBA255)
YUV	165.4810, -39.6771, 32.9042
Hunter-Lab	62.6017, 2.1964, 30.4608

Details

The YIQ color **165.4810, 49.1530, -15.2550** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **122.5190, -49.1530, 15.2550**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2420, 48.3280, -16.8240**, and **112.8010, 45.2560, -16.2160** is the 20% darker color. If you saturate the color by 10%, you get **159.0920, 57.4980, -17.8140**, and if you desaturate by 10%, it is **171.8700, 40.8080, -12.6960**.

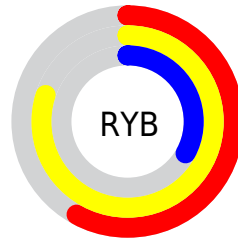
Distribution



Red (80%)

Green (64%)

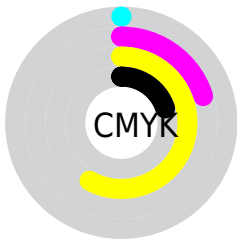
Blue (33%)



Red (58%)

Yellow (80%)

Blue (33%)

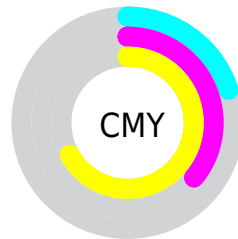


Cyan (0%)

Magenta (20%)

Yellow (58%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4810, 49.1530, -15.2550 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 165.4810, 49.1530, -15.2550 by changing the saturation by 10% instead.

■ 165.4810, 49.1530,
-15.2550

■ 165.4810, 49.1530,
-15.2550

■ 255.0000, -0.0000,
-0.0000

■ 138.6980, 47.0440,
-15.5800

■ 219.2420, 48.3280,
-16.8240

■ 112.8010, 45.2560,
-16.2160

■ 238.7560, 31.9610,
-23.0710

■ 86.4480, 44.7520,
-18.0960

■ 247.7040, 20.5440,
-19.9040

■ 64.1900, 36.9110,
-13.6570

■ 251.0100, 11.2350,
-10.8850

■ 44.0890, 27.1900,
-8.1860

■ 254.2020, 2.2470,
-2.1770

■ 24.2870, 18.0650,
-2.5030

■ 1.1960, 2.3840,

0.8480

■ 0.0000, 0.0000,
0.0000

■ 165.4810, 49.1530,
-15.2550

■ 165.4810, 49.1530,
-15.2550

■ 159.0920, 57.4980,
-17.8140

■ 171.8700, 40.8080,
-12.6960

■ 152.5890, 66.1640,
-20.6840

■ 178.3730, 32.1420,
-9.8260

■ 146.2000, 74.5090,
-23.2430

■ 184.7620, 23.7970,
-7.2670

■ 139.8110, 82.8540,
-25.8020

■ 191.1510, 15.4520,
-4.7080

■ 138.1810, 84.6880,
-26.0000

■ 197.6540, 6.7860,
-1.8380

■ 204.0430, -1.5590,
0.7210

■ 210.4320, -9.9040,
3.2800

■ 216.8210,
-18.2490, 5.8390

■ 222.4290,
-23.0170, 4.1430

Harmonies

Analogous

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



167.8120, 65.0590, 4.8590



165.4810, 49.1530, -15.2550



161.6080, 20.4540, -29.2900

Triad

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



165.4810, 49.1530, -15.2550



133.5150, -115.5330, -37.2690



173.1590, 14.1150, 36.0590

Complementary

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



165.4810, 49.1530, -15.2550



122.5190, -49.1530, 15.2550

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.



169.3690, -30.8150, 24.3290



165.4810, 49.1530, -15.2550



135.0430, -125.3470, -24.6030

Square

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



165.4810, 49.1530, -15.2550



141.4700, -76.1020, -41.5260



153.5250, -84.8210, 0.8670



171.6390, 47.8140, 36.5660

Rectangle

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



165.4810, 49.1530, -15.2550



158.2720, -5.0830, -34.5470



153.5250, -84.8210, 0.8670



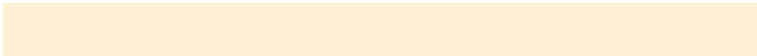
172.5640, -0.3270, 33.4730

Sweetspot

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



165.4810, 49.1530, -15.2550



241.2930, 17.9280, -5.5280



124.9560, 57.1670, 37.7670



119.7530, 10.8210, -3.3790



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.



165.4810, 49.1530, -15.2550



198.3140, 74.1880, -22.9320



184.1660, 27.1500, -40.5140



98.5120, 4.3100, -1.0180



113.0300, 69.2360, -21.2920



26.0370, 15.7730, -5.0190

Inverse Universe

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



122.5190, -49.1530, 15.2550



133.6860, -74.1880, 22.9320



103.8340, -27.1500, 40.5140



94.9010, -4.0350, 1.5410



52.9700, -69.2360, 21.2920



11.9630, -15.7730, 5.0190

Previews

White Background



This preview shows how the YIQ color 165.4810, 49.1530, -15.2550 looks on a white background.

Color Contrast Check

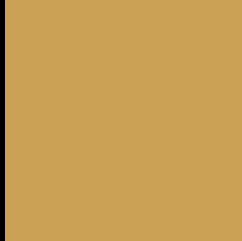
Large Text (above 18pt) WCAG AA × Fail

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 165.4810, 49.1530, -15.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

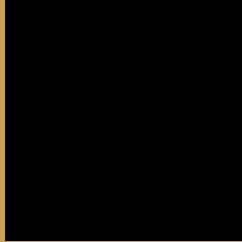
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4810, 49.1530, -15.2550

Background



This preview shows how black text looks on a background with the YIQ color 165.4810, 49.1530, -15.2550.



This preview shows how white text looks on a background with the YIQ color 165.4810, 49.1530,

-15.2550.

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

165.4810, 49.1530, -15.2550

Protanopia

164.1480, 36.7290, -21.3750

Deuteranopia

165.5030, 52.0870, -13.3610



Tritanopia

171.4110, 30.1200, 15.8160

Trichromacy



Original Color

165.4810, 49.1530, -15.2550

Protanomaly

164.6540, 41.1760, -19.3680

Deuteranomaly

165.7910, 51.2160, -14.0960

Tritanomaly

168.9690, 36.8160, 4.5920

Monochromacy



Original Color

165.4810, 49.1530, -15.2550

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2930, 17.9280, -5.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4810, 49.1530, -15.2550 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(203, 162, 85)` looks like.

```
.text, #text, p{  
    color:rgb(203, 162, 85)  
}
```

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(203, 162, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 162, 85) }
```

Border

The CSS property to change the border of an element to YIQ 165.4810, 49.1530, -15.2550 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(203, 162, 85) }
```


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

```
.border{ border-color:rgb(203, 162, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 162, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 162, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 162, 85);  
box-shadow:4px 4px 4px 4px rgb(203, 162,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4810, 49.1530, -15.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 162, 85) }
```

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

```
.background{ background-color: rgb(203,  
162, 85) }
```

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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