

Converting Colors

YIQ(165.2060, 48.0090,
-27.5670)

Have a look what the booklet for
YIQ(165.2060, 48.0090, -27.5670)
contains.

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Color

**YIQ(165.2060, 48.0090,
-27.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AA41
RGB	194, 170, 65
RGB Percent	76%, 67%, 25%
CMY	0.2392, 0.3334, 0.7448
CMYK	0.00, 0.12, 0.66, 0.24
HSL	49°, 51%, 51%
HSV	49°, 66%, 76%
XYZ	37.5765, 40.5971, 10.8671
YIQ	165.2060, 48.0090, -27.5670

Conversions

Conversions Part 2

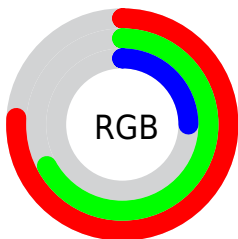
Format	Color
R_{YB}	94, 194, 65
Decimal	12757569
CIE _{Lab}	69.89, -3.26, 55.32
CIE _{LCh}	70, 55.415, 93.371
Yxy	40.5971, 0.4220, 0.4559
Android (android.graphics.Color)	4290947649 (0xFFC2AA41)
YUV	165.2060, -49.4016, 25.2523
Hunter-Lab	63.7158, -6.2320, 34.4888

Details

The YIQ color **165.2060, 48.0090, -27.5670** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **93.7940, -48.0090, 27.5670**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1740, 51.0350, -27.3410**, and **110.3430, 48.8810, -32.3590** is the 20% darker color. If you saturate the color by 10%, you get **160.6920, 55.2080, -31.3840**, and if you desaturate by 10%, it is **169.7200, 40.8100, -23.7500**.

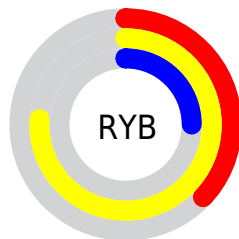
Distribution



Red (76%)

Green (67%)

Blue (25%)



Red (37%)

Yellow (76%)

Blue (25%)

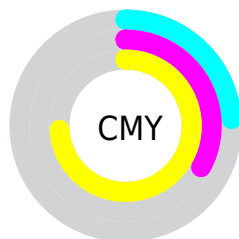


Cyan (0%)

Magenta (12%)

Yellow (66%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.2060, 48.0090, -27.5670 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 165.2060, 48.0090, -27.5670 by changing the saturation by 10% instead.


 165.2060, 48.0090,
-27.5670


 165.2060, 48.0090,
-27.5670


255.0000, -0.0000,
-0.0000


 138.1950, 46.5420,
-28.5140


 221.1740, 51.0350,
-27.3410

 110.4570, 48.5600,
-32.0480


 241.8730, 35.5850,
-33.6870


 87.7690, 39.1140,
-26.0540


 245.5380, 26.6430,
-25.8130

 65.9070, 30.2180,
-19.0140

 248.7300, 17.6550,
-17.1050

 44.9200, 20.1760,
-13.2320

 252.0360, 8.3460,
-8.0860

 26.0040, 11.3720,
-7.8600

 0.0000, 0.0000,

0.0000

■ 165.2060, 48.0090,
-27.5670

■ 165.2060, 48.0090,
-27.5670

■ 160.6920, 55.2080,
-31.3840

■ 169.7200, 40.8100,
-23.7500

■ 156.6510, 62.4530,
-36.0350

■ 173.7610, 33.5650,
-19.0990

■ 152.1370, 69.6520,
-39.8520

■ 178.2750, 26.3660,
-15.2820

■ 150.7520, 72.1740,
-41.5060

■ 182.3160, 19.1210,
-10.6310

■ 186.8300, 11.9220,
-6.8140

■ 191.3440, 4.7230,
-2.9970

■ 195.3850, -2.5220,
1.6540

■ 199.8990, -9.7210,
5.4710

■ 204.5270,
-17.2410, 9.5990

Harmonies

Analogous

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



168.6090, 72.5800, -4.7960



165.2060, 48.0090, -27.5670



159.9280, 7.3890, -40.3150

Triad

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



165.2060, 48.0090, -27.5670



140.1150, -125.8500, -32.0100



175.4330, 34.1950, 46.6030

Complementary

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



165.2060, 48.0090, -27.5670



93.7940, -48.0090, 27.5670

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.



174.1740, -16.6040, 36.6120



165.2060, 48.0090, -27.5670



139.4260, -133.5550, -19.0190

Square

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



165.2060, 48.0090, -27.5670



135.0020, -110.0750, -48.0830



156.3240, -79.6410, 6.1110



169.8320, 63.4480, 39.5760

Rectangle

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



165.2060, 48.0090, -27.5670



153.4430, -27.9140, -44.7940



156.3240, -79.6410, 6.1110



176.0660, 19.1110, 44.6390

Sweetspot

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



165.2060, 48.0090, -27.5670



241.0170, 18.5250, -10.8430



106.5350, 68.5380, 35.4340



120.9440, 11.6010, -6.5030



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.



165.2060, 48.0090, -27.5670



207.2530, 75.0170, -43.4710



167.6330, 18.1650, -48.3870



94.6860, 3.7600, -2.0640



125.0360, 59.9310, -34.3810



25.7160, 12.2430, -7.1250

Inverse Universe

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



93.7940, -48.0090, 27.5670



95.3340, -75.2920, 42.9480



91.3670, -18.1650, 48.3870



89.3140, -3.7600, 2.0640



35.9640, -59.9310, 34.3810



7.2840, -12.2430, 7.1250

Previews

White Background



This preview shows how the YIQ color 165.2060, 48.0090, -27.5670 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 165.2060, 48.0090, -27.5670 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 165.2060, 48.0090, -27.5670

Background



This preview shows how black text looks on a background with the YIQ color 165.2060, 48.0090, -27.5670.



This preview shows how white text looks on a background with the YIQ color 165.2060, 48.0090,

-27.5670.

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

165.2060, 48.0090, -27.5670

Protanopia

164.8960, 45.9460, -28.7260

Deuteranopia

166.4190, 60.8910, -18.7330



Tritanopia

173.6380, 22.0510, 13.3710

Trichromacy



Original Color

165.2060, 48.0090, -27.5670

Protanomaly

165.1950, 46.5420, -28.5140

Deuteranomaly

165.9730, 56.2150, -22.0970

Tritanomaly

170.6430, 31.6820, -1.4860

Monochromacy



Original Color

165.2060, 48.0090, -27.5670

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.3590, 17.5620, -9.9100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.2060, 48.0090, -27.5670 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(194, 170, 65)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 65)  
}
```

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(194, 170, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 65) }
```

Border

The CSS property to change the border of an element to YIQ 165.2060, 48.0090, -27.5670 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(194, 170, 65) }
```


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

```
.border{ border-color:rgb(194, 170, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 170, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 65);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 165.2060, 48.0090, -27.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 65) }
```

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

```
.background{ background-color: rgb(194,  
170, 65) }
```

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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