

Converting Colors

YIQ(164.7320, 76.0670,
-18.4370)

Have a look what the booklet for
YIQ(164.7320, 76.0670, -18.4370)
contains.

YIQ(164.7320, 76.0670, -18.4370)	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(164.7320, 76.0670,
-18.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	E29C31
RGB	226, 156, 49
RGB Percent	89%, 61%, 19%
CMY	0.1136, 0.3883, 0.8074
CMYK	0.00, 0.31, 0.78, 0.11
HSL	36°, 75%, 54%
HSV	36°, 78%, 89%
XYZ	43.8120, 40.1624, 8.3596
YIQ	164.7320, 76.0670, -18.4370

Conversions

Conversions Part 2

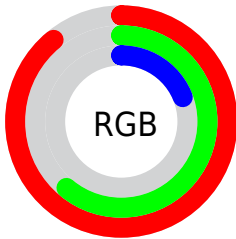
Format	Color
R _Y B	165, 226, 49
Decimal	14851121
CIE Lab	69.59, 17.34, 62.56
CIE LCh	70, 64.915, 74.510
Yxy	40.1624, 0.4745, 0.4350
Android (android.graphics.Color)	4293041201 (0xFFE29C31)
YUV	164.7320, -57.0559, 53.7320
Hunter-Lab	63.3738, 12.4975, 36.5408

Details

The YIQ color **164.7320, 76.0670, -18.4370** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **110.2680, -76.0670, 18.4370**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2570, 61.1670, -23.7370**, and **111.2690, 70.0610, -19.7230** is the 20% darker color. If you saturate the color by 10%, you get **156.8270, 85.9250, -20.8830**, and if you desaturate by 10%, it is **172.6370, 66.2090, -15.9910**.

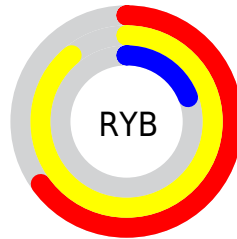
Distribution



Red (89%)

Green (61%)

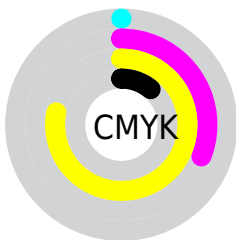
Blue (19%)



Red (65%)

Yellow (89%)

Blue (19%)

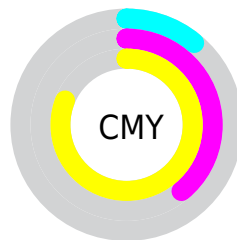


Cyan (0%)

Magenta (31%)

Yellow (78%)

Black (11%)



Cyan (11%)

Magenta (39%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.7320, 76.0670, -18.4370 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 164.7320, 76.0670, -18.4370 by changing the saturation by 10% instead.

164.7320, 76.0670,
-18.4370

164.7320, 76.0670,
-18.4370

255.0000, -0.0000,
-0.0000

136.8520, 75.6090,
-21.1510

211.2570, 61.1670,
-23.7370

111.2690, 70.0610,
-19.7230

231.3580, 44.5250,
-30.5070

88.2110, 58.7810,
-13.5310

243.9420, 31.1370,
-30.1670

66.0390, 47.8220,
-7.6500

247.1340, 22.1490,
-21.4590

44.7530, 37.1840,
-2.0800

250.3260, 13.1610,
-12.7510

24.3530, 26.8670,
3.1790

253.6320, 3.8520,

8.7850, 16.9630,

-3.7320

6.4590

■ 0.0000, 0.0000,
0.0000

■ 164.7320, 76.0670,
-18.4370

■ 164.7320, 76.0670,
-18.4370

■ 156.8270, 85.9250,
-20.8830

■ 172.6370, 66.2090,
-15.9910

■ 149.0360, 95.4620,
-23.0180

■ 180.4280, 56.6720,
-13.8560

■ 147.9930, 97.0210,
-23.7390

■ 188.3330, 46.8140,
-11.4100

■ 196.2380, 36.9560,
-8.9640

■ 204.0290, 27.4190,
-6.8290

■ 211.9340, 17.5610,
-4.3830

■ 219.7250, 8.0240,
-2.2480

■ 227.6300, -1.8340,
0.1980

■ 235.5350,
-11.6920, 2.6440

Harmonies

Analogous

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



163.9890, 86.7900, 13.0140



164.7320, 76.0670, -18.4370



160.2400, 41.5010, -41.7870

Triad

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



164.7320, 76.0670, -18.4370



138.7980, -118.0080, -41.9760



175.2140, 4.2550, 49.5590

Complementary

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



164.7320, 76.0670, -18.4370



110.2680, -76.0670, 18.4370

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.



160.2880, -61.6240, 15.4960



164.7320, 76.0670, -18.4370



143.0790, -134.1960, -23.9240

Square

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



164.7320, 76.0670, -18.4370



130.5560, -97.5560, -60.2120



137.6650, -132.7300, -17.4500



169.8270, 53.8170, 54.4330

Rectangle

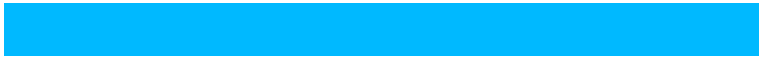
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



164.7320, 76.0670, -18.4370



156.0600, 6.6570, -49.0790



137.6650, -132.7300, -17.4500



172.4240, -14.3120, 39.1280

Sweetspot

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



164.7320, 76.0670, -18.4370



234.7730, 25.2640, -6.3200



110.0170, 82.7010, 59.6050



115.0910, 15.6810, -3.3510



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.



164.7320, 76.0670, -18.4370



171.8750, 103.1650, -24.9550



200.4400, 46.0890, -58.8630



108.3980, 4.6310, -1.3290



114.8460, 75.7460, -18.1260



31.3750, 20.6330, -4.9910

Inverse Universe

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



110.2680, -76.0670, 18.4370



98.1250, -103.1650, 24.9550



74.5600, -46.0890, 58.8630



104.6020, -4.6310, 1.3290



61.1540, -75.7460, 18.1260



16.6250, -20.6330, 4.9910

Previews

White Background



This preview shows how the YIQ color 164.7320, 76.0670, -18.4370 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 164.7320, 76.0670, -18.4370 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 164.7320, 76.0670, -18.4370

Background



This preview shows how black text looks on a background with the YIQ color 164.7320, 76.0670, -18.4370.



This preview shows how white text looks on a background with the YIQ color 164.7320, 76.0670, -18.4370.

-18.4370.

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

164.7320, 76.0670, -18.4370

Protanopia

163.5280, 49.7980, -32.4580

Deuteranopia

164.4380, 67.9070, -24.7410



Tritanopia

172.9680, 47.7250, 21.6530

Trichromacy



Original Color

164.7320, 76.0670, -18.4370

Protanomaly

164.3660, 59.2420, -27.3980

Deuteranomaly

164.5740, 70.5200, -22.5360

Tritanomaly

170.2720, 57.9520, 7.0080

Monochromacy



Original Color

164.7320, 76.0670, -18.4370

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0290, 27.4190, -6.8290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.7320, 76.0670, -18.4370 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(226, 156, 49)` looks like.

```
.text, #text, p{  
    color:rgb(226, 156, 49)  
}
```

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(226, 156, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 156, 49) }
```

Border

The CSS property to change the border of an element to YIQ 164.7320, 76.0670, -18.4370 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(226, 156, 49) }
```


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

```
.border{ border-color:rgb(226, 156, 49) }
```

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

Here you see how a box with a 4 pixel rgb(226, 156, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 156, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 156, 49);  
box-shadow:4px 4px 4px 4px rgb(226, 156,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 164.7320, 76.0670, -18.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 156, 49) }
```

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

```
.background{ background-color: rgb(226,  
156, 49) }
```

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