

# Converting Colors

YIQ(142.5180, 66.0670, 8.6190)

Have a look what the booklet for  
YIQ(142.5180, 66.0670, 8.6190)  
contains.

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# Color

**YIQ(142.5180, 66.0670,  
8.6190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D37754
RGB	211, 119, 84
RGB Percent	83%, 47%, 33%
CMY	0.1724, 0.5335, 0.6703
CMYK	0.00, 0.44, 0.60, 0.17
HSL	16°, 59%, 58%
HSV	16°, 60%, 83%
XYZ	35.0737, 27.6820, 11.8972
YIQ	142.5180, 66.0670, 8.6190

# Conversions

## Conversions Part 2

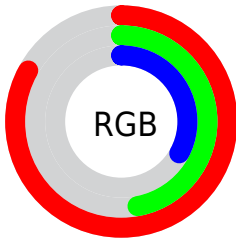
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">211, 132, 84</a>
Decimal	<a href="#">13858644</a>
CIELab	<a href="#">59.60, 32.77, 34.73</a>
CIELCh	<a href="#">60, 47.750, 46.664</a>
Yxy	<a href="#">27.6820, 0.4698, 0.3708</a>
Android (android.graphics.Color)	<a href="#">4292048724 (0xFFD37754)</a>
YUV	<a href="#">142.5180, -28.8494, 60.0587</a>
Hunter-Lab	<a href="#">52.6137, 26.9191, 23.4227</a>

# Details

The YIQ color **142.5180, 66.0670, 8.6190** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **152.4820, -66.0670, -8.6190**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4850, 61.6660, 5.7780**, and **90.1690, 59.7400, 7.6440** is the 20% darker color. If you saturate the color by 10%, you get **131.3190, 76.9330, 9.9330**, and if you desaturate by 10%, it is **153.7170, 55.2010, 7.3050**.

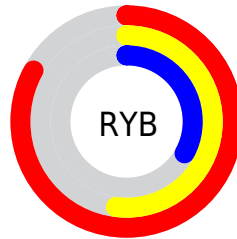
# Distribution



Red (83%)

Green (47%)

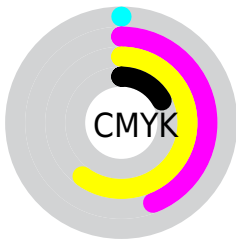
Blue (33%)



Red (83%)

Yellow (52%)

Blue (33%)

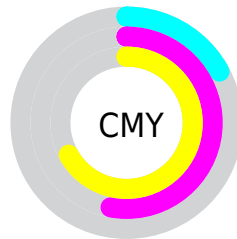


Cyan (0%)

Magenta (44%)

Yellow (60%)

Black (17%)



Cyan (17%)

Magenta (53%)


Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 142.5180, 66.0670, 8.6190 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 142.5180, 66.0670, 8.6190 by changing the saturation by 10% instead.





 142.5180, 66.0670,  
8.6190


 142.5180, 66.0670,  
8.6190


255.0000, -0.0000,  
-0.0000


 115.5500, 63.0410,  
8.3930


 192.4850, 61.6660,  
5.7780


 90.2830, 59.4190,  
7.9550


 211.9990, 45.2990,  
-0.4690

 64.3150, 56.3930,  
7.7290


 231.5130, 28.9320,  
-6.7160

 39.5580, 51.3950,  
10.2030

 250.5540, 12.5190,  
-12.1290

 20.0330, 39.9320,  
14.2040

 253.7460, 3.5310,  
-3.4210

 12.9710, 25.3070,  
9.4270

 0.0000, 0.0000,

0.0000

■ 142.5180, 66.0670,  
8.6190

■ 142.5180, 66.0670,  
8.6190

■ 131.3190, 76.9330,  
9.9330

■ 153.7170, 55.2010,  
7.3050

■ 119.5330, 88.0740,  
11.7700

■ 165.5030, 44.0600,  
5.4680

■ 108.3340, 98.9400,  
13.0840

■ 176.7020, 33.1940,  
4.1540

■ 97.1350, 109.8060,  
14.3980

■ 187.9010, 22.3280,  
2.8400

■ 199.2140, 11.1410,  
1.8370

■ 211.0000, 0.0000,  
-0.0000

■ 222.1990,  
-10.8660, -1.3140

■ 233.3980,  
-21.7320, -2.6280

■ 241.8440,  
-26.2240, -9.3280

# Harmonies

## Analogous

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



143.6820, 63.4500, 28.5220



142.5180, 66.0670, 8.6190



141.1010, 53.2790, -12.9370

# Triad

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



142.5180, 66.0670, 8.6190



109.7030, -84.3080, -46.9960



141.8020, -42.4600, 20.6120

# Complementary

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



142.5180, 66.0670, 8.6190



152.4820, -66.0670, -8.6190

# 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.



115.4610, -114.3000, -10.0440



142.5180, 66.0670, 8.6190



115.7790, -98.6610, -34.6690

# Square

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



142.5180, 66.0670, 8.6190



131.3250, -12.6020, -35.9460



118.3500, -110.0340, -21.2820



147.8530, 6.2290, 35.8050



# Rectangle

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



142.5180, 66.0670, 8.6190



138.4530, 37.1880, -24.1880



118.3500, -110.0340, -21.2820



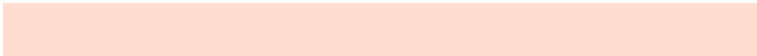
136.4080, -62.0820, 12.7820

# Sweetspot

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



142.5180, 66.0670, 8.6190



230.3850, 23.8410, 2.9530



132.5750, 45.8390, 55.8470



112.3670, 15.0840, 1.9640



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.



142.5180, 66.0670, 8.6190



155.9530, 95.6390, 12.3350



178.9120, 49.0170, -23.8070



99.0500, 5.7310, 0.7630



77.2340, 87.4780, 11.5580



18.7160, 21.4110, 2.9390



# Inverse Universe

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



152.4820, -66.0670, -8.6190



170.6340, -95.9140, -12.8580



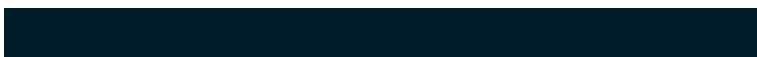
116.0880, -49.0170, 23.8070



99.9500, -5.7310, -0.7630



90.7660, -87.4780, -11.5580



22.2840, -21.4110, -2.9390



# Previews

## White Background



This preview shows how the YIQ color 142.5180, 66.0670, 8.6190 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 142.5180, 66.0670, 8.6190 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 142.5180, 66.0670, 8.6190

## Background



This preview shows how black text looks on a background with the YIQ color 142.5180, 66.0670, 8.6190.



This preview shows how white text looks on a background with the YIQ color 142.5180, 66.0670,



# 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

142.5180, 66.0670, 8.6190

### Protanopia

142.1870, 23.7980, -12.7940

### Deuteranopia

142.1630, 41.5410, -9.4590



## Tritanopia

144.8120, 57.0320, 23.6880

# Trichromacy



## Original Color

142.5180, 66.0670, 8.6190

## Protanomaly

142.4280, 39.4770, -5.0910

## Deuteranomaly

142.0550, 50.8930, -2.7310

## Tritanomaly

144.0910, 60.3800, 18.0760

# Monochromacy



## Original Color

142.5180, 66.0670, 8.6190

## Achromatopsia

143.0000, -0.0000, 0.0000

## Achromatomaly

142.7980, 24.1160, 3.4760

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 142.5180, 66.0670, 8.6190 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(211, 119, 84)` looks like.

```
.text, #text, p{  
    color:rgb(211, 119, 84)  
}
```

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(211, 119, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 119, 84) }
```

## Border

The CSS property to change the border of an element to YIQ 142.5180, 66.0670, 8.6190 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(211, 119, 84) }
```



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

```
.border{ border-color:rgb(211, 119, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 119, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 119, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 119, 84);  
box-shadow:4px 4px 4px 4px rgb(211, 119,  
84) }
```

# Background

The CSS property to change the background color of an element to YIQ 142.5180, 66.0670, 8.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 119, 84) }
```

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

```
.background{ background-color: rgb(211,  
119, 84) }
```

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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