

# Converting Colors

YIQ(127.0640, 82.2050, 13.5090)

Have a look what the booklet for  
YIQ(127.0640, 82.2050, 13.5090)  
contains.

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# Color

**YIQ(127.0640, 82.2050,  
13.5090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6603B
RGB	214, 96, 59
RGB Percent	84%, 38%, 23%
CMY	0.1605, 0.6237, 0.7683
CMYK	0.00, 0.55, 0.72, 0.16
HSL	14°, 65%, 54%
HSV	14°, 72%, 84%
XYZ	32.7208, 22.9794, 6.8609
YIQ	127.0640, 82.2050, 13.5090

# Conversions

## Conversions Part 2

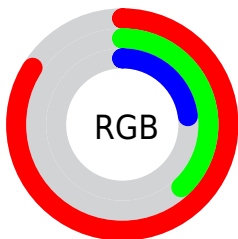
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 108, 59</a>
Decimal	<a href="#">14049339</a>
CIELab	<a href="#">55.05, 44.17, 42.92</a>
CIELCh	<a href="#">55, 61.588, 44.173</a>
Yxy	<a href="#">22.9794, 0.5230, 0.3673</a>
Android (android.graphics.Color)	<a href="#">4292239419 (0xFFD6603B)</a>
YUV	<a href="#">127.0640, -33.5556, 76.2429</a>
Hunter-Lab	<a href="#">47.9368, 37.9515, 25.0700</a>

# Details

The YIQ color **127.0640, 82.2050, 13.5090** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **145.9360, -82.2050, -13.5090**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.0200, 76.3370, 9.7210**, and **72.3560, 75.5110, 13.6790** is the 20% darker color. If you saturate the color by 10%, you get **115.2780, 93.3460, 15.3460**, and if you desaturate by 10%, it is **138.8500, 71.0640, 11.6720**.

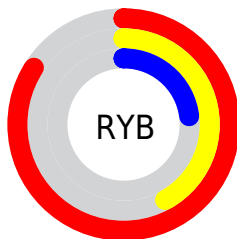
# Distribution



Red (84%)

Green (38%)

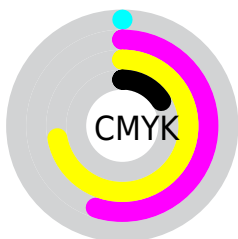
Blue (23%)



Red (84%)

Yellow (42%)

Blue (23%)

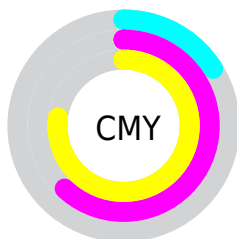


Cyan (0%)

Magenta (55%)

Yellow (72%)

Black (16%)



Cyan (16%)

Magenta (62%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 127.0640, 82.2050, 13.5090 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 127.0640, 82.2050, 13.5090 by changing the saturation by 10% instead.





 127.0640, 82.2050,  
13.5090


 127.0640, 82.2050,  
13.5090


255.0000, -0.0000,  
-0.0000

 99.9110, 78.2620,  
13.3820


 176.0200, 76.3370,  
9.7210


 72.3560, 75.5110,  
13.6790


 195.4200, 60.2910,  
3.1630


 43.2340, 70.2830,  
20.3230


 214.8200, 44.2450,  
-3.3950

 27.8070, 55.4280,  
19.7160

 235.0350, 27.2820,  
-9.8540

 19.1360, 38.1440,  
13.5680

 250.5540, 12.5190,  
-12.1290

 11.1770, 21.7310,  
8.1550

 253.7460, 3.5310,

 0.0000, 0.0000,

-3.4210

0.0000

■ 127.0640, 82.2050,  
13.5090

■ 127.0640, 82.2050,  
13.5090

■ 115.2780, 93.3460,  
15.3460

■ 138.8500, 71.0640,  
11.6720

■ 102.7910,  
105.0830, 17.3950

■ 151.3370, 59.3270,  
9.6230

■ 93.9230, 113.5190,  
18.6950

■ 163.1230, 48.1860,  
7.7860

■ 175.0230, 36.7240,  
6.2600

■ 187.3960, 25.3080,  
3.9000

■ 199.2960, 13.8460,  
2.3740

■ 211.0820, 2.7050,  
0.5370

■ 222.8680, -8.4360,  
-1.3000

■ 235.3550,  
-20.1730, -3.3490

# Harmonies

## Analogous

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



126.0850, 78.8530, 41.2290



127.0640, 82.2050, 13.5090



125.3400, 71.2990, -20.1330

# Triad

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



127.0640, 82.2050, 13.5090



102.4990, -75.0460, -49.6540



122.3610, -71.8950, 19.9210

# Complementary

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



127.0640, 82.2050, 13.5090



145.9360, -82.2050, -13.5090

# 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.



112.4920, -115.5850, -3.2730



127.0640, 82.2050, 13.5090



109.9430, -93.2510, -33.5950

# Square

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



127.0640, 82.2050, 13.5090



114.4630, -13.4710, -47.7350



113.7680, -108.1550, -16.7870



135.6820, 2.6970, 44.7530



# Rectangle

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



127.0640, 82.2050, 13.5090



122.6330, 53.6960, -37.0240



113.7680, -108.1550, -16.7870



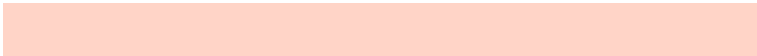
107.0780, -114.1190, 3.2010

# Sweetspot

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



127.0640, 82.2050, 13.5090



223.3750, 29.8010, 5.0730



118.9110, 54.1810, 69.8690



108.8620, 18.0640, 3.0240



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.



127.0640, 82.2050, 13.5090



130.4890, 117.7370, 19.3450



172.2630, 61.0300, -26.7620



101.0500, 5.7310, 0.7630



75.1960, 90.6410, 14.8090



18.7270, 22.8780, 3.8860



# Inverse Universe

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



145.9360, -82.2050, -13.5090



157.5110, -117.7370, -19.3450



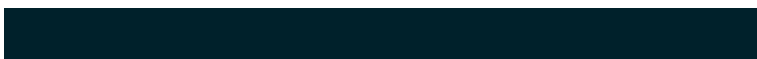
100.7370, -61.0300, 26.7620



102.5370, -6.0060, -1.2860



95.8040, -90.6410, -14.8090

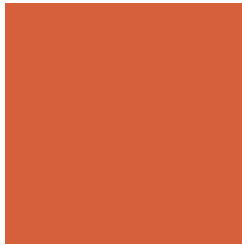


24.2730, -22.8780, -3.8860



# Previews

## White Background



This preview shows how the YIQ color 127.0640, 82.2050, 13.5090 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 127.0640, 82.2050, 13.5090 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 127.0640, 82.2050, 13.5090

## Background



This preview shows how black text looks on a background with the YIQ color 127.0640, 82.2050, 13.5090.



This preview shows how white text looks on a background with the YIQ color 127.0640, 82.2050,



# 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

127.0640, 82.2050, 13.5090

### Protanopia

129.2320, 27.9250, -16.0030

### Deuteranopia

129.2250, 46.9980, -14.7460



## Tritanopia

129.0590, 72.5740, 28.3660

# Trichromacy



## Original Color

127.0640, 82.2050, 13.5090

## Protanomaly

128.6200, 47.6840, -5.1480

## Deuteranomaly

128.4920, 59.7880, -4.2440

## Tritanomaly

128.3380, 75.9220, 22.7540

# Monochromacy



## Original Color

127.0640, 82.2050, 13.5090

## Achromatopsia

127.0000, -0.0000, -0.0000

## Achromatomaly

127.2610, 30.1220, 4.7620

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 127.0640, 82.2050, 13.5090 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(214, 96, 59)` looks like.

```
.text, #text, p{  
    color:rgb(214, 96, 59)  
}
```

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(214, 96, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 96, 59) }
```

## Border

The CSS property to change the border of an element to YIQ 127.0640, 82.2050, 13.5090 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(214, 96, 59) }
```



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

```
.border{ border-color:rgb(214, 96, 59) }
```

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

Here you see how a box with a 4 pixel rgb(214, 96, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 96, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 96, 59);  
box-shadow:4px 4px 4px 4px rgb(214, 96,  
59) }
```

# Background

The CSS property to change the background color of an element to YIQ 127.0640, 82.2050, 13.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 96, 59) }
```

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

```
.background{ background-color: rgb(214, 96,  
59) }
```

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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