

# Converting Colors

YIQ(183.7650, 72.4410, 3.2330)

Have a look what the booklet for  
YIQ(183.7650, 72.4410, 3.2330)  
contains.

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# Color

**YIQ(183.7650, 72.4410,  
3.2330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA26D
RGB	255, 162, 109
RGB Percent	100%, 64%, 43%
CMY	0.0000, 0.3648, 0.5722
CMYK	0.00, 0.36, 0.57, 0.00
HSL	22°, 100%, 71%
HSV	22°, 57%, 100%
XYZ	56.9182, 48.1928, 20.7939
YIQ	183.7650, 72.4410, 3.2330

# Conversions

## Conversions Part 2

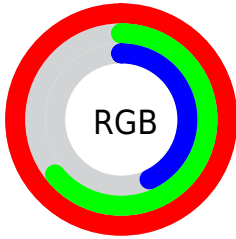
Format	Color
R <sub>Y</sub> B	255, 192, 109
Decimal	16753261
CIE Lab	74.95, 29.43, 41.63
CIE LCh	75, 50.985, 54.737
Yxy	48.1928, 0.4521, 0.3828
Android (android.graphics.Color)	4294943341 (0xFFFFA26D)
YUV	183.7650, -36.8591, 62.4731
Hunter-Lab	69.4210, 24.8653, 30.8354

# Details

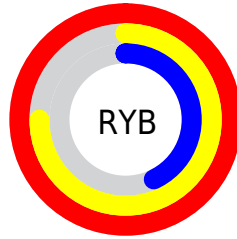
The YIQ color **183.7650, 72.4410, 3.2330** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **180.2350, -72.4410, -3.2330**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **221.9780, 40.6240, -9.3600**, and **129.4160, 66.1140, 2.2580** is the 20% darker color. If you saturate the color by 10%, you get **171.5230, 84.8660, 3.8260**, and if you desaturate by 10%, it is **196.1210, 59.6950, 2.9510**.

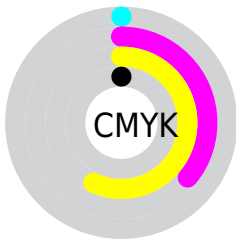
# Distribution



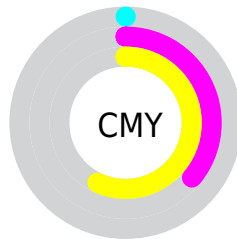
- Red (100%)
- Green (64%)
- Blue (43%)



- Red (100%)
- Yellow (75%)
- Blue (43%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (0%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 183.7650, 72.4410, 3.2330 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 183.7650, 72.4410, 3.2330 by changing the saturation by 10% instead.



183.7650, 72.4410,  
3.2330

183.7650, 72.4410,  
3.2330

255.0000, -0.0000,  
-0.0000

155.7970, 69.4150,  
3.0070

222.0920, 40.3030,  
-9.0490

129.4160, 66.1140,  
2.2580

242.1930, 23.6610,  
-15.8190

103.3340, 63.4090,  
1.7210

250.6680, 12.1980,  
-11.8180

76.8390, 60.4290,  
0.6610

253.9740, 2.8890,  
-2.7990

53.7120, 53.5970,  
3.3330

30.3660, 43.1880,  
10.2600

15.5480, 30.9920,

11.0240

■ 5.3820, 10.7280,  
3.8160

■ 0.0000, 0.0000,  
0.0000

■ 183.7650, 72.4410,  
3.2330

■ 183.7650, 72.4410,  
3.2330

■ 171.5230, 84.8660,  
3.8260

■ 196.1210, 59.6950,  
2.9510

■ 158.5800, 97.8870,  
4.6310

■ 208.3630, 47.2700,  
2.3580

■ 146.3380,  
110.3120, 5.2240

■ 221.3060, 34.2490,  
1.5530

■ 133.9820,  
123.0580, 5.5060

■ 233.5480, 21.8240,  
0.9600

130.2490,  
126.6800, 5.9440

245.9040, 9.0780,  
0.6780

255.0000, -0.0000,  
-0.0000

# Harmonies

## Analogous

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



179.9930, 63.7720, 22.6840



183.7650, 72.4410, 3.2330



180.9990, 53.3260, -19.2980

# Triad

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



183.7650, 72.4410, 3.2330



141.9320, -113.0540, -54.6700



184.1200, -25.6800, 24.8800

# Complementary

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



183.7650, 72.4410, 3.2330



180.2350, -72.4410, -3.2330

# 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.



166.2920, -85.7830, -3.7270



183.7650, 72.4410, 3.2330



147.4040, -128.4620, -39.7420

# Square

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



183.7650, 72.4410, 3.2330



168.7360, -27.1810, -41.5570



148.2310, -137.6800, -26.8640



190.2570, 19.8910, 41.5150



# Rectangle

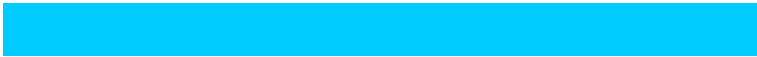
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



183.7650, 72.4410, 3.2330



178.1270, 32.0540, -30.2660



148.2310, -137.6800, -26.8640



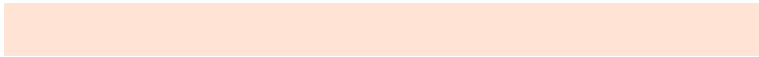
179.8680, -42.8260, 16.2300

# Sweetspot

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



183.7650, 72.4410, 3.2330



233.6620, 21.5030, 1.2710



163.4840, 56.5210, 60.4970



115.0570, 13.0210, 0.8050



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.



183.7650, 72.4410, 3.2330



169.1920, 87.2960, 3.8400



225.4420, 52.9160, -33.9000



121.2350, 6.6480, 0.6640



97.6120, 94.8610, 4.4050

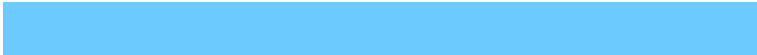


32.6370, 31.8190, 1.5390



# Inverse Universe

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



180.2350, -72.4410, -3.2330



164.8080, -87.2960, -3.8400



138.5580, -52.9160, 33.9000



121.1780, -6.3730, -0.1410



93.3880, -94.8610, -4.4050



31.3630, -31.8190, -1.5390



# Previews

## White Background



This preview shows how the YIQ color 183.7650, 72.4410, 3.2330 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 183.7650, 72.4410, 3.2330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

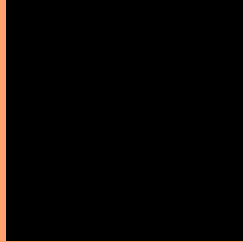
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 183.7650, 72.4410, 3.2330**

## **Background**



This preview shows how black text looks on a background with the YIQ color 183.7650, 72.4410, 3.2330.



This preview shows how white text looks on a background with the YIQ color 183.7650, 72.4410,



# 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

183.7650, 72.4410, 3.2330

### Protanopia

182.1460, 31.0430, -17.4450

### Deuteranopia

182.6710, 51.6740, -11.3820



## Tritanopia

187.5560, 54.8770, 24.1970

# Trichromacy



**Original Color**

183.7650, 72.4410, 3.2330

**Protanomaly**

183.0880, 46.1260, -9.9540

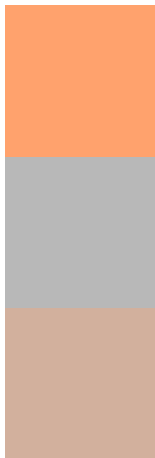
**Deuteranomaly**

183.1390, 59.2840, -6.1240

**Tritanomaly**

186.3360, 61.0680, 16.6200

# Monochromacy



**Original Color**

183.7650, 72.4410, 3.2330

**Achromatopsia**

184.0000, 0.0000, -0.0000

**Achromatomaly**

184.0000, 26.3630, 1.2990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 183.7650, 72.4410, 3.2330 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(255, 162, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 109)  
}
```

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(255, 162, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 109) }
```

## Border

The CSS property to change the border of an element to YIQ 183.7650, 72.4410, 3.2330 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(255, 162, 109) }
```



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

```
.border{ border-color:rgb(255, 162, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
109) }
```

# Background

The CSS property to change the background color of an element to YIQ 183.7650, 72.4410, 3.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 109) }
```

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

```
.background{ background-color: rgb(255,  
162, 109) }
```

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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