

Converting Colors

YIQ(185.8380, 62.1700, 7.6580)

Have a look what the booklet for
YIQ(185.8380, 62.1700, 7.6580)
contains.

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Color

**YIQ(185.8380, 62.1700,
7.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA482
RGB	250, 164, 130
RGB Percent	98%, 64%, 51%
CMY	0.0194, 0.3570, 0.4899
CMYK	0.00, 0.34, 0.48, 0.02
HSL	17°, 92%, 75%
HSV	17°, 48%, 98%
XYZ	56.7440, 48.4842, 27.5113
YIQ	185.8380, 62.1700, 7.6580

Conversions

Conversions Part 2

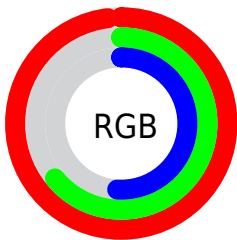
Format	Color
R _Y B	250, 177, 130
Decimal	16426114
CIE Lab	75.13, 28.22, 30.68
CIE LCh	75, 41.683, 47.396
Yxy	48.4842, 0.4275, 0.3653
Android (android.graphics.Color)	4294616194 (0xFFFAA482)
YUV	185.8380, -27.5281, 56.2701
Hunter-Lab	69.6306, 23.6115, 25.3157

Details

The YIQ color **185.8380, 62.1700, 7.6580** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **194.1620, -62.1700, -7.6580**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.6600, 33.0120, -3.5640**, and **131.0870, 57.0350, 7.1070** is the 20% darker color. If you saturate the color by 10%, you get **172.4220, 75.1450, 9.2970**, and if you desaturate by 10%, it is **199.2540, 49.1950, 6.0190**.

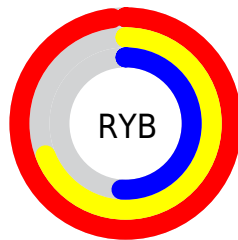
Distribution



Red (98%)

Green (64%)

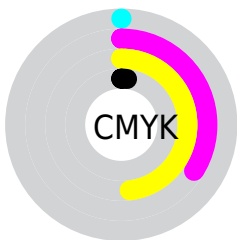
Blue (51%)



Red (98%)

Yellow (69%)

Blue (51%)

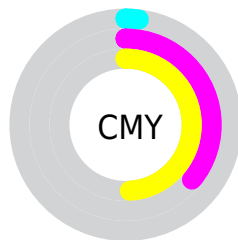


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (2%)



Cyan (2%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.8380, 62.1700, 7.6580 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 185.8380, 62.1700, 7.6580 by changing the saturation by 10% instead.

185.8380, 62.1700,
7.6580

185.8380, 62.1700,
7.6580

255.0000, -0.0000,
-0.0000

158.1690, 59.7400,
7.6440

225.6600, 33.0120,
-3.5640

131.0870, 57.0350,
7.1070

245.8750, 16.0490,
-10.0230

105.1190, 54.0090,
6.8810

253.1760, 5.1360,
-4.9760

80.0370, 51.3040,
6.3440

55.7700, 47.6820,
5.9060

32.1270, 42.3630,
8.6910

15.2490, 30.3960,

10.8120

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 185.8380, 62.1700,
7.6580

■ 185.8380, 62.1700,
7.6580

■ 172.4220, 75.1450,
9.2970

■ 199.2540, 49.1950,
6.0190

■ 159.0060, 88.1200,
10.9360

■ 212.6700, 36.2200,
4.3800

■ 145.5900,
101.0950, 12.5750

■ 226.0860, 23.2450,
2.7410

■ 132.1740,
114.0700, 14.2140

■ 239.5020, 10.2700,
1.1020

■ 118.7580,
127.0450, 15.8530

■ 252.9180, -2.7050,
-0.5370

■ 116.4270,
129.4750, 15.8670

■ 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



186.5130, 56.4360, 23.4760



185.8380, 62.1700, 7.6580



183.4150, 49.5190, -10.8730

Triad

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



185.8380, 62.1700, 7.6580



166.5930, -54.2790, -35.0390



184.6520, -33.2900, 19.6220

Complementary

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



185.8380, 62.1700, 7.6580



194.1620, -62.1700, -7.6580

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.



172.2500, -76.7970, -1.3810



185.8380, 62.1700, 7.6580



150.5110, -109.7100, -38.1740

Square

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



185.8380, 62.1700, 7.6580



174.9170, -11.2730, -32.4970



145.9340, -132.5900, -31.0060



189.9300, 7.3300, 32.3700

Rectangle

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



185.8380, 62.1700, 7.6580



181.5930, 33.9780, -21.0780



145.9340, -132.5900, -31.0060



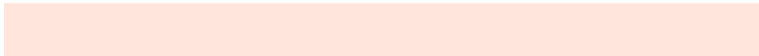
181.3080, -47.1810, 12.5550

Sweetspot

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



185.8380, 62.1700, 7.6580



235.6340, 18.7060, 2.4020



175.9120, 43.2720, 52.8080



116.1000, 11.4620, 1.5260



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.



185.8380, 62.1700, 7.6580



175.9060, 76.6580, 9.4100



219.8840, 46.2200, -22.6760



118.2350, 6.6480, 0.6640



87.6220, 98.0690, 12.3490



28.2180, 31.6810, 4.0410

Inverse Universe

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



194.1620, -62.1700, -7.6580



186.0940, -76.6580, -9.4100



160.1160, -46.2200, 22.6760



118.7650, -6.6480, -0.6640



100.7910, -97.7940, -11.8260



32.7820, -31.6810, -4.0410

Previews

White Background



This preview shows how the YIQ color 185.8380, 62.1700, 7.6580 looks on a white background.

Color Contrast Check

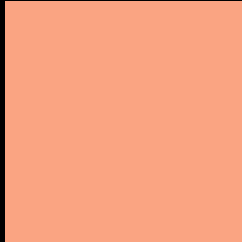
Large Text (above 18pt) WCAG AA × Fail

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 185.8380, 62.1700, 7.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

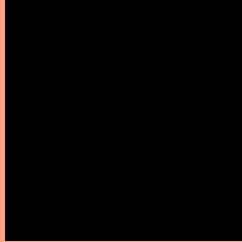
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.8380, 62.1700, 7.6580

Background



This preview shows how black text looks on a background with the YIQ color 185.8380, 62.1700, 7.6580.



This preview shows how white text looks on a background with the YIQ color 185.8380, 62.1700,

7.6580.

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

185.8380, 62.1700, 7.6580

Protanopia

183.9420, 23.1100, -11.3380

Deuteranopia

184.4560, 42.2740, -6.2220



Tritanopia

187.7730, 52.7680, 23.8720

Trichromacy



Original Color

185.8380, 62.1700, 7.6580

Protanomaly

184.5850, 37.5970, -4.0590

Deuteranomaly

184.9240, 49.8840, -0.9640

Tritanomaly

186.9380, 56.4370, 17.9490

Monochromacy



Original Color

185.8380, 62.1700, 7.6580

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.9010, 22.3280, 2.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.8380, 62.1700, 7.6580 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(250, 164, 130)` looks like.

```
.text, #text, p{  
    color:rgb(250, 164, 130)  
}
```

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(250, 164, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 164, 130) }
```

Border

The CSS property to change the border of an element to YIQ 185.8380, 62.1700, 7.6580 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(250, 164, 130) }
```


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

```
.border{ border-color:rgb(250, 164, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 164, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 164, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 164, 130);  
box-shadow:4px 4px 4px 4px rgb(250, 164,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 185.8380, 62.1700, 7.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 164, 130) }
```

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

```
.background{ background-color: rgb(250,  
164, 130) }
```

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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