

Converting Colors

YIQ(181.2060, 75.5130, 2.6250)

Have a look what the booklet for
YIQ(181.2060, 75.5130, 2.6250)
contains.

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Color

**YIQ(181.2060, 75.5130,
2.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F66
RGB	255, 159, 102
RGB Percent	100%, 62%, 40%
CMY	0.0000, 0.3766, 0.5996
CMYK	0.00, 0.38, 0.60, 0.00
HSL	22°, 100%, 70%
HSV	22°, 60%, 100%
XYZ	56.0338, 47.0034, 18.7124
YIQ	181.2060, 75.5130, 2.6250

Conversions

Conversions Part 2

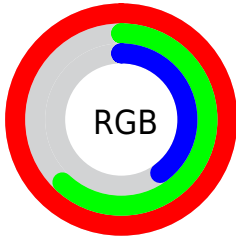
Format	Color
R _Y B	255, 193, 102
Decimal	16752486
CIE Lab	74.19, 30.49, 44.31
CIE LCh	74, 53.786, 55.465
Yxy	47.0034, 0.4602, 0.3861
Android (android.graphics.Color)	4294942566 (0xFFFF9F66)
YUV	181.2060, -39.0486, 64.7173
Hunter-Lab	68.5590, 25.9111, 31.8088

Details

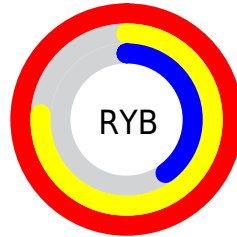
The YIQ color **181.2060, 75.5130, 2.6250** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **175.7940, -75.5130, -2.6250**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.4190, 43.6960, -9.9680**, and **126.8570, 69.1860, 1.6500** is the 20% darker color. If you saturate the color by 10%, you get **168.9640, 87.9380, 3.2180**, and if you desaturate by 10%, it is **193.5620, 62.7670, 2.3430**.

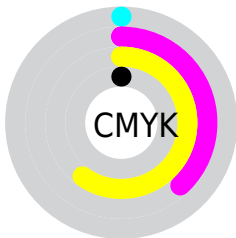
Distribution



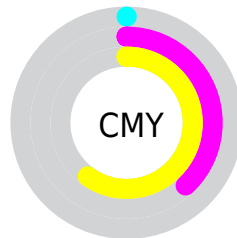
- Red (100%)
- Green (62%)
- Blue (40%)



- Red (100%)
- Yellow (76%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.2060, 75.5130, 2.6250 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 181.2060, 75.5130, 2.6250 by changing the saturation by 10% instead.

181.2060, 75.5130,
2.6250

181.2060, 75.5130,
2.6250

255.0000, -0.0000,
-0.0000

153.2380, 72.4870,
2.3990

219.4190, 43.6960,
-9.9680

126.8570, 69.1860,
1.6500

239.6340, 26.7330,
-16.4270

100.4760, 65.8850,
0.9010

249.7560, 14.7660,
-14.3060

74.0520, 64.1430,
-0.5690

253.0620, 5.4570,
-5.2870

51.6520, 53.8260,
4.6900

27.7190, 43.6920,
12.1400

15.2490, 30.3960,

10.8120

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,
0.0000

■ 181.2060, 75.5130,
2.6250

■ 181.2060, 75.5130,
2.6250

■ 168.9640, 87.9380,
3.2180

■ 193.5620, 62.7670,
2.3430

■ 156.6080,
100.6840, 3.5000

■ 205.8040, 50.3420,
1.7500

■ 144.3660,
113.1090, 4.0930

■ 218.1600, 37.5960,
1.4680

■ 132.0100,
125.8550, 4.3750

■ 230.4020, 25.1710,
0.8750

242.7580, 12.4250,
0.5930

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.



177.0750, 66.4770, 23.2210



181.2060, 75.5130, 2.6250



178.3150, 55.2520, -21.1640

Triad

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



181.2060, 75.5130, 2.6250



141.2310, -112.4580, -54.4580



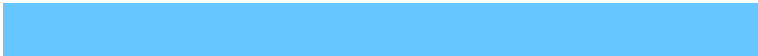
182.0600, -25.4510, 26.2370

Complementary

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



181.2060, 75.5130, 2.6250



175.7940, -75.5130, -2.6250

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.



160.9320, -93.5770, -5.6490



181.2060, 75.5130, 2.6250



146.9310, -128.5080, -38.9080

Square

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



181.2060, 75.5130, 2.6250



165.3010, -30.3900, -43.9740



147.6440, -137.4050, -26.3410



187.6210, 21.8620, 44.3420

Rectangle

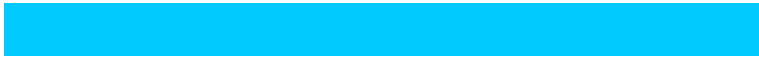
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



181.2060, 75.5130, 2.6250



175.7310, 33.1090, -32.8670



147.6440, -137.4050, -26.3410



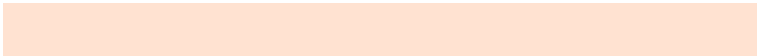
177.7970, -44.0640, 16.6400

Sweetspot

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



181.2060, 75.5130, 2.6250



232.7330, 22.7410, 0.8610



158.8050, 60.0510, 62.6030



114.1280, 14.2590, 0.3950



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.



181.2060, 75.5130, 2.6250



166.5190, 90.6890, 2.9210



225.8180, 54.6130, -37.1230



121.2350, 6.6480, 0.6640



98.7860, 94.3110, 3.3590



33.2240, 31.5440, 1.0160

Inverse Universe

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



175.7940, -75.5130, -2.6250



160.0680, -90.9640, -3.4440



131.1820, -54.6130, 37.1230



121.1780, -6.3730, -0.1410



92.2140, -94.3110, -3.3590



30.7760, -31.5440, -1.0160

Previews

White Background



This preview shows how the YIQ color 181.2060, 75.5130, 2.6250 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 181.2060, 75.5130, 2.6250 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 181.2060, 75.5130, 2.6250

Background



This preview shows how black text looks on a background with the YIQ color 181.2060, 75.5130, 2.6250.



This preview shows how white text looks on a background with the YIQ color 181.2060, 75.5130,

2.6250.

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

181.2060, 75.5130, 2.6250

Protanopia

179.8750, 33.2440, -18.7880

Deuteranopia

180.4000, 53.8750, -12.7250



Tritanopia

185.3390, 56.9860, 24.5220

Trichromacy



Original Color

181.2060, 75.5130, 2.6250

Protanomaly

180.2300, 48.6020, -10.7740

Deuteranomaly

180.8680, 61.4850, -7.4670

Tritanomaly

183.8910, 63.8190, 16.3230

Monochromacy



Original Color

181.2060, 75.5130, 2.6250

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.0710, 27.6010, 0.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2060, 75.5130, 2.6250 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, 159, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 102)  
}
```

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, 159, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 102) }
```

Border

The CSS property to change the border of an element to YIQ 181.2060, 75.5130, 2.6250 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, 159, 102) }
```


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

```
.border{ border-color:rgb(255, 159, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2060, 75.5130, 2.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 102) }
```

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

```
.background{ background-color: rgb(255,  
159, 102) }
```

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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