

Converting Colors

YIQ(192.7810, 66.3440, -1.9120)

Have a look what the booklet for
YIQ(192.7810, 66.3440, -1.9120)
contains.

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Color

**YIQ(192.7810, 66.3440,
-1.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB074
RGB	255, 176, 116
RGB Percent	100%, 69%, 45%
CMY	0.0000, 0.3099, 0.5448
CMYK	0.00, 0.31, 0.54, 0.00
HSL	26°, 100%, 73%
HSV	26°, 54%, 100%
XYZ	59.9158, 53.5604, 23.7274
YIQ	192.7810, 66.3440, -1.9120

Conversions

Conversions Part 2

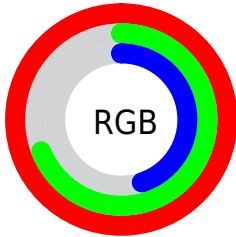
Format	Color
R _Y B	255, 222, 116
Decimal	16756852
CIE Lab	78.20, 22.66, 42.07
CIE LCh	78, 47.784, 61.688
Yxy	53.5604, 0.4367, 0.3904
Android (android.graphics.Color)	4294946932 (0xFFFFB074)
YUV	192.7810, -37.8530, 54.5661
Hunter-Lab	73.1850, 18.0625, 32.0070

Details

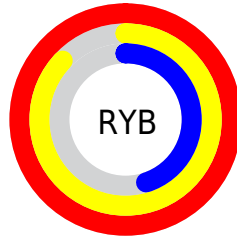
The YIQ color **192.7810, 66.3440, -1.9120** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **178.2190, -66.3440, 1.9120**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6950, 33.9310, -14.7170**, and **138.0300, 61.2090, -2.4630** is the 20% darker color. If you saturate the color by 10%, you get **181.1260, 78.4940, -1.8420**, and if you desaturate by 10%, it is **203.9630, 54.1480, -1.1480**.

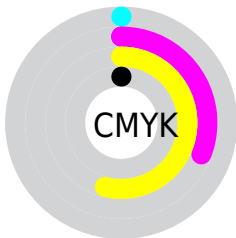
Distribution



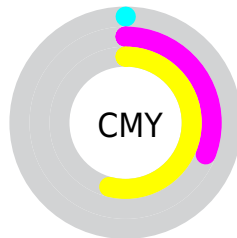
- Red (100%)
- Green (69%)
- Blue (45%)



- Red (100%)
- Yellow (87%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.7810, 66.3440, -1.9120 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 192.7810, 66.3440, -1.9120 by changing the saturation by 10% instead.

192.7810, 66.3440,
-1.9120

192.7810, 66.3440,
-1.9120

255.0000, -0.0000,
-0.0000

165.1120, 63.9140,
-1.9260

231.6950, 33.9310,
-14.7170

138.0300, 61.2090,
-2.4630

248.3880, 18.6180,
-18.0380

111.6490, 57.9080,
-3.2120

251.5800, 9.6300,
-9.3300

86.4530, 55.5240,
-4.0600

254.8860, 0.3210,
-0.3110

62.2290, 50.3430,
-3.7770

40.6550, 40.5760,
2.5280

19.6680, 30.5340,

8.3100

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 192.7810, 66.3440,
-1.9120

■ 192.7810, 66.3440,
-1.9120

■ 181.1260, 78.4940,
-1.8420

■ 203.9630, 54.1480,
-1.1480

■ 169.9440, 90.6900,
-2.6060

■ 215.6180, 41.9980,
-1.2180

■ 158.2890,
102.8400, -2.5360

■ 226.8000, 29.8020,
-0.4540

■ 147.1070,
115.0360, -3.3000

■ 238.4550, 17.6520,
-0.5240

140.8150,
121.7300, -3.4700

250.2240, 5.1810,
-0.2830

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.



188.3250, 59.6010, 15.6730



192.7810, 66.3440, -1.9120



189.9270, 44.6610, -21.9550

Triad

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



192.7810, 66.3440, -1.9120



157.9810, -105.5820, -46.9100



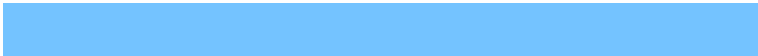
195.4160, -11.8340, 27.2540

Complementary

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



192.7810, 66.3440, -1.9120



178.2190, -66.3440, 1.9120

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.



182.6820, -60.3380, 3.1980



192.7810, 66.3440, -1.9120



153.4510, -135.8440, -38.1160

Square

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



192.7810, 66.3440, -1.9120



177.4130, -36.3970, -39.7330



151.7530, -139.3300, -30.0020



198.8080, 28.4650, 40.3130

Rectangle

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



192.7810, 66.3440, -1.9120



186.9240, 22.3800, -31.1560



151.7530, -139.3300, -30.0020



192.3600, -26.5960, 19.4520

Sweetspot

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



192.7810, 66.3440, -1.9120



236.8250, 19.4860, -0.7220



166.7950, 56.8430, 54.6590



116.9320, 11.8750, -0.4530



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.



192.7810, 66.3440, -1.9120



180.8980, 79.1360, -2.4640



232.1100, 47.9190, -36.9530



121.8220, 6.3730, 0.1410



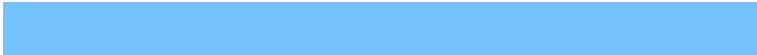
105.2430, 91.2860, -2.3940



34.9850, 30.7190, -0.5530

Inverse Universe

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



178.2190, -66.3440, 1.9120



163.6890, -79.4110, 1.9410



138.8900, -47.9190, 36.9530



120.5910, -6.0980, 0.3820



85.7570, -91.2860, 2.3940



28.4280, -30.4440, 1.0760

Previews

White Background



This preview shows how the YIQ color 192.7810, 66.3440, -1.9120 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 192.7810, 66.3440, -1.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

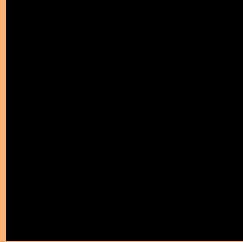
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.7810, 66.3440, -1.9120

Background



This preview shows how black text looks on a background with the YIQ color 192.7810, 66.3440, -1.9120.



This preview shows how white text looks on a background with the YIQ color 192.7810, 66.3440, -1.9120.

-1.9120.

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

192.7810, 66.3440, -1.9120

Protanopia

190.9890, 32.9230, -18.4770

Deuteranopia

191.8560, 52.5910, -11.4810



Tritanopia

196.7830, 46.8080, 21.7520

Trichromacy



Original Color

192.7810, 66.3440, -1.9120

Protanomaly

191.3220, 45.3470, -12.3570

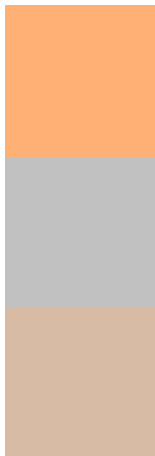
Deuteranomaly

192.3020, 57.2670, -8.1170

Tritanomaly

195.2210, 53.9620, 13.2420

Monochromacy



Original Color

192.7810, 66.3440, -1.9120

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.1630, 24.3460, -0.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.7810, 66.3440, -1.9120 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, 176, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 116)  
}
```

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, 176, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 116) }
```

Border

The CSS property to change the border of an element to YIQ 192.7810, 66.3440, -1.9120 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, 176, 116) }
```


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

```
.border{ border-color:rgb(255, 176, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 192.7810, 66.3440, -1.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 116) }
```

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

```
.background{ background-color: rgb(255,  
176, 116) }
```

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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