

Converting Colors

YIQ(192.5960, 65.4270, -1.8130)

Have a look what the booklet for
YIQ(192.5960, 65.4270, -1.8130)
contains.

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Color

**YIQ(192.5960, 65.4270,
-1.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB075
RGB	254, 176, 117
RGB Percent	100%, 69%, 46%
CMY	0.0038, 0.3099, 0.5409
CMYK	0.00, 0.31, 0.54, 0.00
HSL	26°, 99%, 73%
HSV	26°, 54%, 100%
XYZ	59.6213, 53.4019, 24.0189
YIQ	192.5960, 65.4270, -1.8130

Conversions

Conversions Part 2

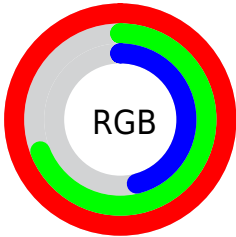
Format	Color
RYB	254, 221, 117
Decimal	16691317
CIELab	78.11, 22.36, 41.42
CIELCh	78, 47.067, 61.637
Yxy	53.4019, 0.4351, 0.3897
Android (android.graphics.Color)	4294881397 (0xFFFE075)
YUV	192.5960, -37.2688, 53.8513
Hunter-Lab	73.0766, 17.7493, 31.6662

Details

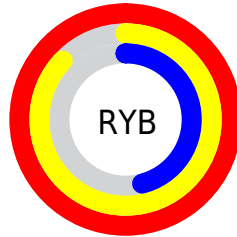
The YIQ color **192.5960, 65.4270, -1.8130** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **178.4040, -65.4270, 1.8130**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.8090, 33.6100, -14.4060**, and **137.8450, 60.2920, -2.3640** is the 20% darker color. If you saturate the color by 10%, you get **180.9410, 77.5770, -1.7430**, and if you desaturate by 10%, it is **203.6640, 53.5520, -1.3600**.

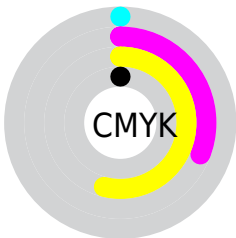
Distribution



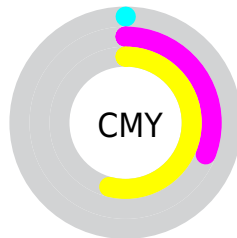
- Red (100%)
- Green (69%)
- Blue (46%)



- Red (100%)
- Yellow (87%)
- Blue (46%)



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





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 192.5960, 65.4270, -1.8130 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 192.5960, 65.4270, -1.8130 by changing the saturation by 10% instead.


 192.5960, 65.4270,
-1.8130


 192.5960, 65.4270,
-1.8130


255.0000, -0.0000,
-0.0000

 164.9270, 62.9970,
-1.8270


 231.8090, 33.6100,
-14.4060


 137.8450, 60.2920,
-2.3640


 248.5020, 18.2970,
-17.7270

 111.7630, 57.5870,
-2.9010

 251.6940, 9.3090,
-9.0190

 86.2680, 54.6070,
-3.9610

 62.2290, 50.3430,
-3.7770

 40.3560, 39.9800,
2.3160

 19.9560, 29.6630,

7.5750

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 192.5960, 65.4270,
-1.8130

■ 192.5960, 65.4270,
-1.8130

■ 180.9410, 77.5770,
-1.7430

■ 203.6640, 53.5520,
-1.3600

■ 169.7590, 89.7730,
-2.5070

■ 215.4330, 41.0810,
-1.1190

■ 158.6910,
101.6480, -2.9600

■ 226.5010, 29.2060,
-0.6660

■ 146.9220,
114.1190, -3.2010

■ 238.2700, 16.7350,
-0.4250

139.9290,
121.4090, -3.1590

249.3380, 4.8600,
0.0280

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



189.0260, 59.0050, 15.4610



192.5960, 65.4270, -1.8130



189.1550, 44.0190, -21.3330

Triad

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



192.5960, 65.4270, -1.8130



159.9710, -99.6220, -44.7900



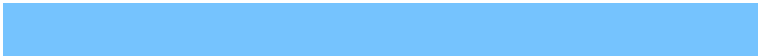
195.1170, -12.4300, 27.0420

Complementary

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



192.5960, 65.4270, -1.8130



178.4040, -65.4270, 1.8130

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.



183.2800, -59.1460, 3.6220



192.5960, 65.4270, -1.8130



153.3370, -135.5230, -38.4270

Square

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



192.5960, 65.4270, -1.8130



177.1250, -35.5260, -38.9980



151.7530, -139.3300, -30.0020



198.9820, 27.9150, 39.2670

Rectangle

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



192.5960, 65.4270, -1.8130



186.4510, 22.3340, -30.3220



151.7530, -139.3300, -30.0020



191.7730, -26.3210, 19.9750

Sweetspot

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



192.5960, 65.4270, -1.8130



236.8250, 19.4860, -0.7220



167.0830, 55.9720, 53.9240



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.



192.5960, 65.4270, -1.8130



180.8980, 79.1360, -2.4640



231.9250, 47.0020, -36.8540



121.8220, 6.3730, 0.1410



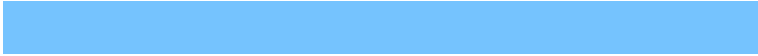
105.2430, 91.2860, -2.3940



34.9850, 30.7190, -0.5530

Inverse Universe

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



178.4040, -65.4270, 1.8130



163.6890, -79.4110, 1.9410



139.0750, -47.0020, 36.8540



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 192.5960, 65.4270, -1.8130 looks on a white background.

Color Contrast Check

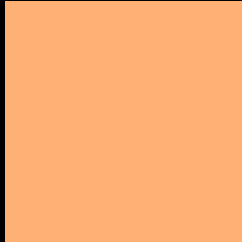
Large Text (above 18pt) WCAG AA × Fail

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 192.5960, 65.4270, -1.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

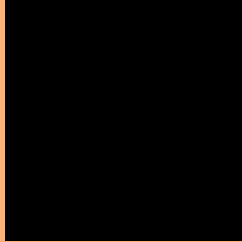
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.5960, 65.4270, -1.8130

Background



This preview shows how black text looks on a background with the YIQ color 192.5960, 65.4270, -1.8130.



This preview shows how white text looks on a background with the YIQ color 192.5960, 65.4270, -1.8130.

-1.8130.

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

192.5960, 65.4270, -1.8130

Protanopia

191.1030, 32.6020, -18.1660

Deuteranopia

191.9700, 52.2700, -11.1700



Tritanopia

196.7830, 46.8080, 21.7520

Trichromacy



Original Color

192.5960, 65.4270, -1.8130

Protanomaly

191.4360, 45.0260, -12.0460

Deuteranomaly

192.4160, 56.9460, -7.8060

Tritanomaly

195.2210, 53.9620, 13.2420

Monochromacy



Original Color

192.5960, 65.4270, -1.8130

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.8640, 23.7500, -0.9060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5960, 65.4270, -1.8130 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(254, 176, 117)` looks like.

```
.text, #text, p{  
    color:rgb(254, 176, 117)  
}
```

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(254, 176, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 176, 117) }
```

Border

The CSS property to change the border of an element to YIQ 192.5960, 65.4270, -1.8130 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(254, 176, 117) }
```


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

```
.border{ border-color:rgb(254, 176, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 176, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 176, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 176, 117);  
box-shadow:4px 4px 4px 4px rgb(254, 176,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5960, 65.4270, -1.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 176, 117) }
```

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

```
.background{ background-color: rgb(254,  
176, 117) }
```

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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