

Converting Colors

YIQ(185.8460, 67.7190, 0.7030)

Have a look what the booklet for
YIQ(185.8460, 67.7190, 0.7030)
contains.

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Color

**YIQ(185.8460, 67.7190,
0.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA770
RGB	251, 167, 112
RGB Percent	98%, 65%, 44%
CMY	0.0155, 0.3452, 0.5605
CMYK	0.00, 0.33, 0.55, 0.02
HSL	24°, 95%, 71%
HSV	24°, 55%, 98%
XYZ	56.5402, 49.3131, 21.8908
YIQ	185.8460, 67.7190, 0.7030

Conversions

Conversions Part 2

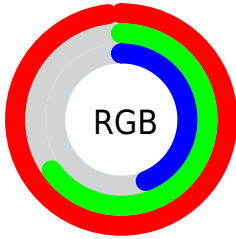
Format	Color
R _Y B	251, 203, 112
Decimal	16492400
CIE Lab	75.65, 25.49, 40.85
CIE LCh	76, 48.144, 58.038
Yxy	49.3131, 0.4426, 0.3860
Android (android.graphics.Color)	4294682480 (0xFFFB770)
YUV	185.8460, -36.4061, 57.1401
Hunter-Lab	70.2233, 20.8281, 30.6738

Details

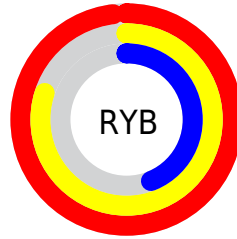
The YIQ color **185.8460, 67.7190, 0.7030** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **177.1540, -67.7190, -0.7030**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3690, 37.9650, -10.7310**, and **131.7960, 61.9880, -0.0600** is the 20% darker color. If you saturate the color by 10%, you get **174.1910, 79.8690, 0.7730**, and if you desaturate by 10%, it is **197.5010, 55.5690, 0.6330**.

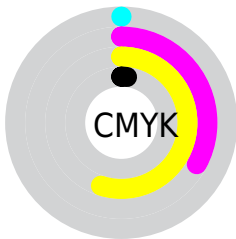
Distribution



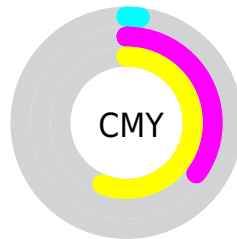
- Red (98%)
- Green (65%)
- Blue (44%)



- Red (98%)
- Yellow (80%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (2%)



- Cyan (2%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.8460, 67.7190, 0.7030 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 185.8460, 67.7190, 0.7030 by changing the saturation by 10% instead.

185.8460, 67.7190,
0.7030

185.8460, 67.7190,
0.7030

255.0000, -0.0000,
-0.0000

158.1770, 65.2890,
0.6890

225.3690, 37.9650,
-10.7310

131.7960, 61.9880,
-0.0600

245.4700, 21.3230,
-17.5010

105.4150, 58.6870,
-0.8090

251.0100, 11.2350,
-10.8850

80.1050, 56.6240,
-1.9680

254.3160, 1.9260,
-1.8660

56.0490, 51.0300,
0.2940

34.7630, 40.3920,
5.8640

14.9500, 29.8000,

10.6000

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 185.8460, 67.7190,
0.7030

■ 185.8460, 67.7190,
0.7030

■ 174.1910, 79.8690,
0.7730

■ 197.5010, 55.5690,
0.6330

■ 162.5360, 92.0190,
0.8430

■ 209.1560, 43.4190,
0.5630

■ 150.2940,
104.4440, 1.4360

■ 221.3980, 30.9940,
-0.0300

■ 138.6390,
116.5940, 1.5060

■ 233.0530, 18.8440,
-0.1000

133.1620,
122.3710, 1.4350

244.8220, 6.3730,
0.1410

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



183.4010, 62.4430, 19.2350



185.8460, 67.7190, 0.7030



182.9490, 47.5950, -20.0610

Triad

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



185.8460, 67.7190, 0.7030



151.5040, -99.8050, -46.9810



187.9960, -19.3990, 26.6890

Complementary

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



185.8460, 67.7190, 0.7030



177.1540, -67.7190, -0.7030

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.



173.7670, -70.8830, 1.5730



185.8460, 67.7190, 0.7030



148.5610, -130.3420, -38.7100

Square

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



185.8460, 67.7190, 0.7030



171.0500, -30.9410, -39.4930



148.2310, -137.6800, -26.8640



192.0570, 23.3300, 39.7620

Rectangle

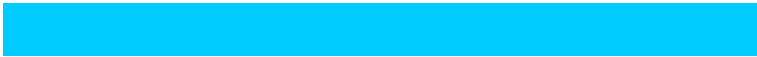
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185.8460, 67.7190, 0.7030



179.9030, 26.8730, -29.9830



148.2310, -137.6800, -26.8640



184.6410, -34.7570, 18.6750

Sweetspot

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



185.8460, 67.7190, 0.7030



234.8360, 20.9530, 0.2250



163.3650, 55.2380, 56.2140



115.6440, 12.7460, 0.2820



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.



185.8460, 67.7190, 0.7030



175.9740, 81.9780, 1.0980



225.7620, 49.0190, -34.8610



118.8220, 6.3730, 0.1410



100.5360, 92.0190, 0.8430



32.3270, 29.7560, 0.3800

Inverse Universe

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



177.1540, -67.7190, -0.7030



166.0260, -81.9780, -1.0980



137.2380, -49.0190, 34.8610



118.1780, -6.3730, -0.1410



88.4640, -92.0190, -0.8430



28.6730, -29.7560, -0.3800

Previews

White Background



This preview shows how the YIQ color 185.8460, 67.7190, 0.7030 looks on a white background.

Color Contrast Check

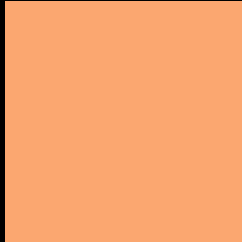
Large Text (above 18pt) WCAG AA × Fail

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 185.8460, 67.7190, 0.7030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

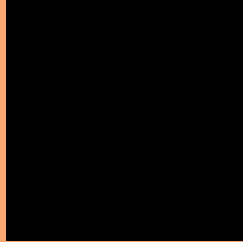
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.8460, 67.7190, 0.7030

Background



This preview shows how black text looks on a background with the YIQ color 185.8460, 67.7190, 0.7030.



This preview shows how white text looks on a background with the YIQ color 185.8460, 67.7190,

0.7030.

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

185.8460, 67.7190, 0.7030

Protanopia

184.1460, 31.0430, -17.4450

Deuteranopia

184.8990, 51.0320, -10.7600



Tritanopia

189.7730, 52.7680, 23.8720

Trichromacy



Original Color

185.8460, 67.7190, 0.7030

Protanomaly

184.7780, 44.0630, -11.1130

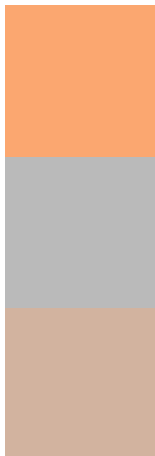
Deuteranomaly

185.3560, 57.1750, -6.4490

Tritanomaly

188.7270, 58.4090, 15.2490

Monochromacy



Original Color

185.8460, 67.7190, 0.7030

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.9890, 24.8960, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.8460, 67.7190, 0.7030 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(251, 167, 112)` looks like.

```
.text, #text, p{  
    color:rgb(251, 167, 112)  
}
```

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(251, 167, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 167, 112) }
```

Border

The CSS property to change the border of an element to YIQ 185.8460, 67.7190, 0.7030 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(251, 167, 112) }
```


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

```
.border{ border-color:rgb(251, 167, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 167, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 167, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 167, 112);  
box-shadow:4px 4px 4px 4px rgb(251, 167,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 185.8460, 67.7190, 0.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 167, 112) }
```

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

```
.background{ background-color: rgb(251,  
167, 112) }
```

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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