

Converting Colors

YIQ(186.4550, 70.3780, 2.0740)

Have a look what the booklet for
YIQ(186.4550, 70.3780, 2.0740)
contains.

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Color

**YIQ(186.4550, 70.3780,
2.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA670
RGB	255, 166, 112
RGB Percent	100%, 65%, 44%
CMY	0.0000, 0.3491, 0.5605
CMYK	0.00, 0.35, 0.56, 0.00
HSL	23°, 100%, 72%
HSV	23°, 56%, 100%
XYZ	57.7986, 49.6905, 21.8981
YIQ	186.4550, 70.3780, 2.0740

Conversions

Conversions Part 2

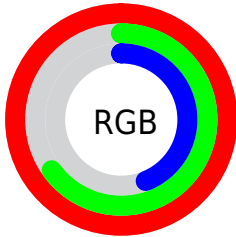
Format	Color
R _Y B	255, 199, 112
Decimal	16754288
CIE Lab	75.88, 27.58, 41.23
CIE LCh	76, 49.606, 56.226
Yxy	49.6905, 0.4467, 0.3840
Android (android.graphics.Color)	4294944368 (0xFFFFA670)
YUV	186.4550, -36.7063, 60.1140
Hunter-Lab	70.4915, 22.9988, 30.9257

Details

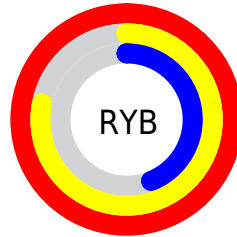
The YIQ color **186.4550, 70.3780, 2.0740** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **180.5450, -70.3780, -2.0740**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.7820, 38.2400, -10.2080**, and **131.5190, 64.3260, 1.6220** is the 20% darker color. If you saturate the color by 10%, you get **174.2130, 82.8030, 2.6670**, and if you desaturate by 10%, it is **198.8110, 57.6320, 1.7920**.

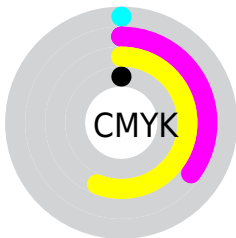
Distribution



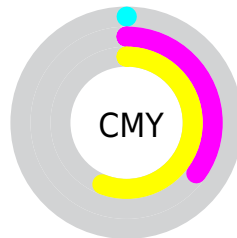
- Red (100%)
- Green (65%)
- Blue (44%)



- Red (100%)
- Yellow (78%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.4550, 70.3780, 2.0740 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 186.4550, 70.3780, 2.0740 by changing the saturation by 10% instead.


 186.4550, 70.3780,
2.0740


 186.4550, 70.3780,
2.0740


255.0000, -0.0000,
-0.0000


 158.4870, 67.3520,
1.8480


 224.7820, 38.2400,
-10.2080


 131.5190, 64.3260,
1.6220


 244.8830, 21.5980,
-16.9780


 105.4370, 61.6210,
1.0850

 251.0100, 11.2350,
-10.8850

 79.9420, 58.6410,
0.0250

 254.3160, 1.9260,
-1.8660

 56.3590, 53.0930,
1.4530

 34.1870, 42.1340,
7.3340

 15.5480, 30.9920,

11.0240

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 186.4550, 70.3780,
2.0740

■ 186.4550, 70.3780,
2.0740

■ 174.2130, 82.8030,
2.6670

■ 198.8110, 57.6320,
1.7920

■ 161.8570, 95.5490,
2.9490

■ 211.0530, 45.2070,
1.1990

■ 149.6150,
107.9740, 3.5420

■ 223.4090, 32.4610,
0.9170

■ 137.2590,
120.7200, 3.8240

■ 235.6510, 20.0360,
0.3240

132.5970,
125.5800, 3.8520

247.4200, 7.5650,
0.5650

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.



183.0420, 62.0760, 20.3800



186.4550, 70.3780, 2.0740



183.3300, 50.8960, -19.3120

Triad

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



186.4550, 70.3780, 2.0740



150.2540, -102.0970, -49.4970



187.3870, -22.0580, 25.3180

Complementary

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



186.4550, 70.3780, 2.0740



180.5450, -70.3780, -2.0740

Split Complementary

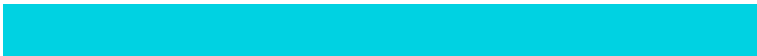
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



171.9510, -77.3930, -1.5930



186.4550, 70.3780, 2.0740



149.0340, -130.2960, -39.5440

Square

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



186.4550, 70.3780, 2.0740



171.7790, -28.7400, -40.8360



149.4050, -138.2300, -27.9100



192.6270, 21.7250, 41.3170

Rectangle

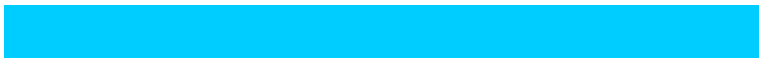
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



186.4550, 70.3780, 2.0740



180.7570, 30.2200, -30.0680



149.4050, -138.2300, -27.9100



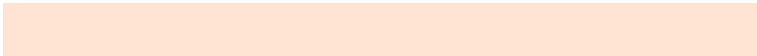
183.4340, -38.6080, 16.8800

Sweetspot

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



186.4550, 70.3780, 2.0740



234.2490, 21.2280, 0.7480



165.1310, 56.0170, 58.6170



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.



186.4550, 70.3780, 2.0740



173.2840, 84.0410, 2.2570



227.5450, 51.1280, -34.5360



121.8220, 6.3730, 0.1410



99.3730, 94.0360, 2.8360



33.2240, 31.5440, 1.0160

Inverse Universe

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



180.5450, -70.3780, -2.0740



166.3030, -84.3160, -2.7800



139.4550, -51.1280, 34.5360



121.1780, -6.3730, -0.1410



91.6270, -94.0360, -2.8360



30.7760, -31.5440, -1.0160

Previews

White Background



This preview shows how the YIQ color 186.4550, 70.3780, 2.0740 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 186.4550, 70.3780, 2.0740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

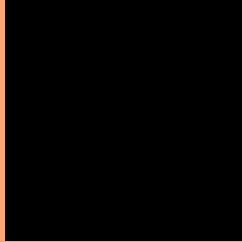
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.4550, 70.3780, 2.0740

Background



This preview shows how black text looks on a background with the YIQ color 186.4550, 70.3780, 2.0740.



This preview shows how white text looks on a background with the YIQ color 186.4550, 70.3780,

2.0740.

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

186.4550, 70.3780, 2.0740

Protanopia

184.4450, 31.6390, -17.2330

Deuteranopia

185.6710, 51.6740, -11.3820



Tritanopia

190.3600, 52.4930, 23.3490

Trichromacy



Original Color

186.4550, 70.3780, 2.0740

Protanomaly

185.0880, 46.1260, -9.9540

Deuteranomaly

185.8400, 58.6880, -6.3360

Tritanomaly

189.0260, 59.0050, 15.4610

Monochromacy



Original Color

186.4550, 70.3780, 2.0740

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.2880, 25.4920, 0.5640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.4550, 70.3780, 2.0740 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, 166, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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(255, 166, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 112) }
```

Border

The CSS property to change the border of an element to YIQ 186.4550, 70.3780, 2.0740 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, 166, 112) }
```


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

```
.border{ border-color:rgb(255, 166, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 166, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 166, 112); box-shadow:4px 4px 4px 4px rgb(255, 166, 112) }
```

Background

The CSS property to change the background color of an element to YIQ 186.4550, 70.3780, 2.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 112) }
```

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

```
.background{ background-color: rgb(255,  
166, 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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