

Converting Colors

YIQ(187.8830, 66.2970, 4.4490)

Have a look what the booklet for
YIQ(187.8830, 66.2970, 4.4490)
contains.

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Color

**YIQ(187.8830, 66.2970,
4.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA77A
RGB	254, 167, 122
RGB Percent	100%, 65%, 48%
CMY	0.0037, 0.3452, 0.5213
CMYK	0.00, 0.34, 0.52, 0.00
HSL	20°, 99%, 74%
HSV	20°, 52%, 100%
XYZ	58.2193, 50.1105, 25.0408
YIQ	187.8830, 66.2970, 4.4490

Conversions

Conversions Part 2

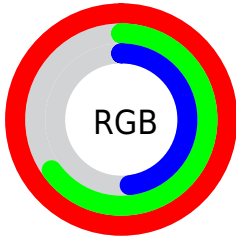
Format	Color
R_{YB}	254, 190, 122
Decimal	16689018
CIE _{Lab}	76.14, 27.49, 36.32
CIE _{LCh}	76, 45.552, 52.880
Yxy	50.1105, 0.4365, 0.3757
Android (android.graphics.Color)	4294879098 (0xFFFEA77A)
YUV	187.8830, -32.4803, 57.9846
Hunter-Lab	70.7887, 22.9248, 28.5788

Details

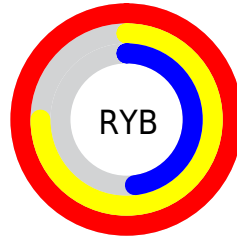
The YIQ color **187.8830, 66.2970, 4.4490** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **188.1170, -66.2970, -4.4490**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0960, 34.4800, -8.1440**, and **133.1320, 61.1620, 3.8980** is the 20% darker color. If you saturate the color by 10%, you get **175.0540, 78.9970, 5.5650**, and if you desaturate by 10%, it is **200.7120, 53.5970, 3.3330**.

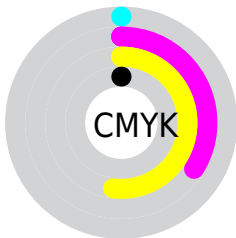
Distribution



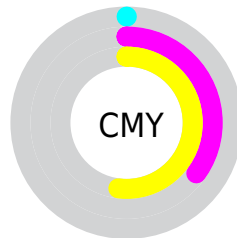
- Red (100%)
- Green (65%)
- Blue (48%)



- Red (100%)
- Yellow (75%)
- Blue (48%)



- Cyan (0%)
- Magenta (34%)
- Yellow (52%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.8830, 66.2970, 4.4490 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 187.8830, 66.2970, 4.4490 by changing the saturation by 10% instead.


 187.8830, 66.2970,
4.4490

 187.8830, 66.2970,
4.4490


255.0000, -0.0000,
-0.0000

 160.2140, 63.8670,
4.4350


 227.0960, 34.4800,
-8.1440


 133.1320, 61.1620,
3.8980


 246.7240, 17.7920,
-14.0800

 107.1640, 58.1360,
3.6720

 252.2640, 7.7040,
-7.4640

 81.7830, 54.8350,
2.9230

 57.1740, 52.1760,
1.5520

 34.4860, 42.7300,
7.5460

 15.8470, 31.5880,

11.2360

■ 6.8770, 13.7080,
4.8760

■ 0.0000, 0.0000,
0.0000

■ 187.8830, 66.2970,
4.4490

■ 187.8830, 66.2970,
4.4490

■ 175.0540, 78.9970,
5.5650

■ 200.7120, 53.5970,
3.3330

■ 162.1110, 92.0180,
6.3700

■ 213.0680, 40.8510,
3.0510

■ 149.8690,
104.4430, 6.9630

■ 225.8970, 28.1510,
1.9350

■ 136.9260,
117.4640, 7.7680

■ 238.8400, 15.1300,
1.1300

126.4280,
127.7340, 8.8700

251.6690, 2.4300,
0.0140

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.



185.7150, 58.6830, 21.2990



187.8830, 66.2970, 4.4490



185.2530, 49.7950, -15.8770

Triad

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



187.8830, 66.2970, 4.4490



163.3780, -72.8470, -39.9430



188.2400, -26.1380, 22.1660

Complementary

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



187.8830, 66.2970, 4.4490



188.1170, -66.2970, -4.4490

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.



174.0330, -74.6880, -1.0560



187.8830, 66.2970, 4.4490



147.6490, -127.7740, -41.1980

Square

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



187.8830, 66.2970, 4.4490



174.9050, -20.1670, -36.5110



149.2910, -137.9090, -28.2210



193.1700, 15.5820, 37.0060

Rectangle

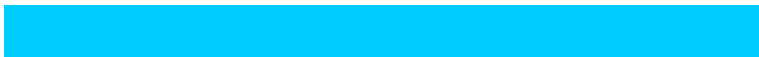
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.8830, 66.2970, 4.4490



182.8760, 31.5030, -25.7850



149.2910, -137.9090, -28.2210



184.2980, -41.2210, 14.6750

Sweetspot

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



187.8830, 66.2970, 4.4490



234.4770, 20.5860, 1.3700



171.5000, 50.4240, 55.3520



115.7580, 12.4250, 0.5930



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.



187.8830, 66.2970, 4.4490



175.9400, 79.3180, 5.2540



226.0380, 48.4220, -29.5460



121.2350, 6.6480, 0.6640



95.2640, 95.9610, 6.4970



32.0500, 32.0940, 2.0620

Inverse Universe

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



188.1170, -66.2970, -4.4490



176.0600, -79.3180, -5.2540



149.9620, -48.4220, 29.5460



121.1780, -6.3730, -0.1410



95.7360, -95.9610, -6.4970



31.9500, -32.0940, -2.0620

Previews

White Background



This preview shows how the YIQ color 187.8830, 66.2970, 4.4490 looks on a white background.

Color Contrast Check

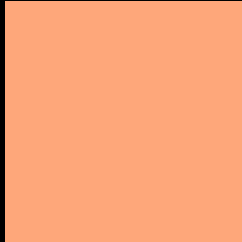
Large Text (above 18pt) WCAG AA × Fail

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 187.8830, 66.2970, 4.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

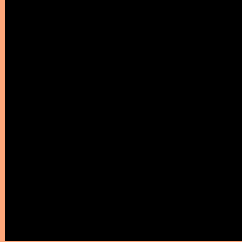
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8830, 66.2970, 4.4490

Background



This preview shows how black text looks on a background with the YIQ color 187.8830, 66.2970, 4.4490.



This preview shows how white text looks on a background with the YIQ color 187.8830, 66.2970,

4.4490.

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

187.8830, 66.2970, 4.4490

Protanopia

185.9870, 27.2370, -14.5470

Deuteranopia

187.2130, 47.2720, -8.6960



Tritanopia

191.0610, 51.8970, 23.1370

Trichromacy



Original Color

187.8830, 66.2970, 4.4490

Protanomaly

186.6300, 41.7240, -7.2680

Deuteranomaly

187.3820, 54.2860, -3.6500

Tritanomaly

190.0690, 57.4460, 16.1820

Monochromacy



Original Color

187.8830, 66.2970, 4.4490

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7440, 24.2080, 1.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8830, 66.2970, 4.4490 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, 167, 122)` looks like.

```
.text, #text, p{  
    color:rgb(254, 167, 122)  
}
```

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, 167, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 167, 122) }
```

Border

The CSS property to change the border of an element to YIQ 187.8830, 66.2970, 4.4490 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, 167, 122) }
```


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

```
.border{ border-color:rgb(254, 167, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 167, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 167, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 167, 122);  
box-shadow:4px 4px 4px 4px rgb(254, 167,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8830, 66.2970, 4.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 167, 122) }
```

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

```
.background{ background-color: rgb(254,  
167, 122) }
```

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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