

Converting Colors

YIQ(179.8650, 66.7080, 13.5240)

Have a look what the booklet for
YIQ(179.8650, 66.7080, 13.5240)
contains.

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Color

**YIQ(179.8650, 66.7080,
13.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9981
RGB	252, 153, 129
RGB Percent	99%, 60%, 51%
CMY	0.0115, 0.4001, 0.4938
CMYK	0.00, 0.39, 0.49, 0.01
HSL	12°, 95%, 75%
HSV	12°, 49%, 99%
XYZ	55.5169, 45.0617, 26.5658
YIQ	179.8650, 66.7080, 13.5240

Conversions

Conversions Part 2

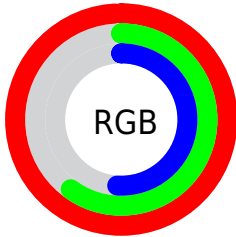
Format	Color
R _Y B	252, 159, 129
Decimal	16554369
CIE Lab	72.93, 34.63, 28.36
CIE LCh	73, 44.758, 39.316
Yxy	45.0617, 0.4366, 0.3544
Android (android.graphics.Color)	4294744449 (0xFFFC9981)
YUV	179.8650, -25.0764, 63.2624
Hunter-Lab	67.1280, 30.1510, 23.5257

Details

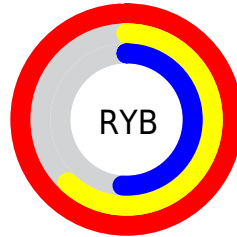
The YIQ color **179.8650, 66.7080, 13.5240** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **201.1350, -66.7080, -13.5240**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.0890, 36.3580, 1.8780**, and **125.7010, 61.2980, 12.4500** is the 20% darker color. If you saturate the color by 10%, you get **165.2750, 80.2330, 16.2090**, and if you desaturate by 10%, it is **194.4550, 53.1830, 10.8390**.

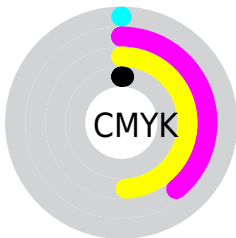
Distribution



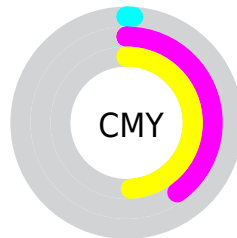
- Red (99%)
- Green (60%)
- Blue (51%)



- Red (99%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (1%)




- Cyan (1%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.8650, 66.7080, 13.5240 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 179.8650, 66.7080, 13.5240 by changing the saturation by 10% instead.


 179.8650, 66.7080,
13.5240


 179.8650, 66.7080,
13.5240


255.0000, -0.0000,
-0.0000

 152.1960, 64.2780,
13.5100


 219.0890, 36.3580,
1.8780


 125.8150, 60.9770,
12.7610


 239.3040, 19.3950,
-4.5810

 99.1460, 58.5470,
12.7470

 253.0620, 5.4570,
-5.2870

 73.8790, 54.9250,
12.3090

 48.1390, 51.2570,
12.7050

 23.3220, 46.4880,
16.5360

 15.2490, 30.3960,

10.8120

■ 3.2890, 6.5560,
2.3320

■ 0.0000, 0.0000,
0.0000

■ 179.8650, 66.7080,
13.5240

■ 179.8650, 66.7080,
13.5240

■ 165.2750, 80.2330,
16.2090

■ 194.4550, 53.1830,
10.8390

■ 150.0980, 94.0330,
19.4170

■ 209.6320, 39.3830,
7.6310

■ 135.3940,
107.8790, 21.7910

■ 224.3360, 25.5370,
5.2570

■ 120.8040,
121.4040, 24.4760

■ 238.9260, 12.0120,
2.5720

■ 105.6270,
135.2040, 27.6840

254.1030, -1.7880,
-0.6360

■ 104.1110,
136.7170, 27.7970

Harmonies

Analogous

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



181.0990, 57.9020, 29.9500



179.8650, 66.7080, 13.5240



178.1280, 57.8170, -7.0710

Triad

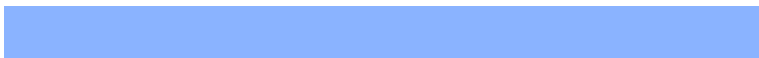
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



179.8650, 66.7080, 13.5240



161.3180, -46.2550, -37.2870



175.4050, -48.8320, 14.9440

Complementary

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



179.8650, 66.7080, 13.5240



201.1350, -66.7080, -13.5240

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.



154.6420, -107.5600, -11.0480



179.8650, 66.7080, 13.5240



139.7610, -116.5860, -45.7220

Square

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



179.8650, 66.7080, 13.5240



169.9520, -1.1860, -33.5860



142.4460, -128.2800, -32.0240



183.1830, -3.6280, 32.7240

Rectangle

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



179.8650, 66.7080, 13.5240



175.8500, 43.5600, -18.5200



142.4460, -128.2800, -32.0240



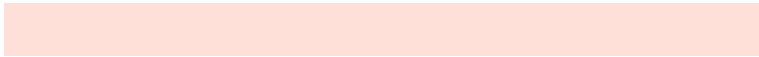
169.9790, -65.4280, 7.3400

Sweetspot

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



179.8650, 66.7080, 13.5240



232.4710, 20.7230, 4.3950



177.2910, 40.8870, 57.4870



114.2250, 12.6080, 2.7840



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.



179.8650, 66.7080, 13.5240



166.8730, 81.4250, 16.6330



215.0850, 50.2080, -17.8560



117.6480, 6.9230, 1.1870



78.2300, 102.4690, 20.7170



25.2830, 33.0560, 6.6560

Inverse Universe

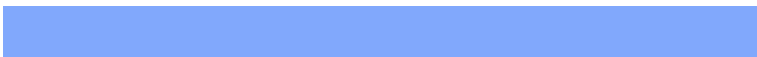
The Inverse Universe completely reimagines the original color for something new.



201.1350, -66.7080, -13.5240



193.1270, -81.4250, -16.6330



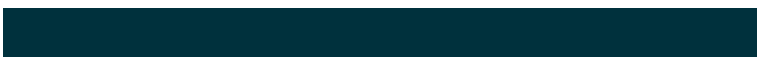
165.9150, -50.2080, 17.8560



119.9390, -7.1980, -1.7100



110.7700, -102.4690, -20.7170



35.7170, -33.0560, -6.6560

Previews

White Background



This preview shows how the YIQ color 179.8650, 66.7080, 13.5240 looks on a white background.

Color Contrast Check

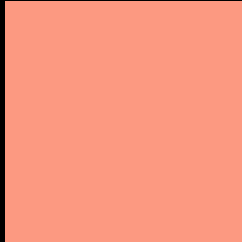
Large Text (above 18pt) WCAG AA × Fail

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 179.8650, 66.7080, 13.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

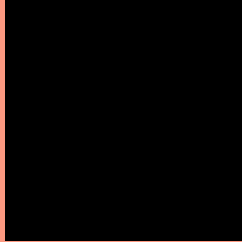
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.8650, 66.7080, 13.5240

Background



This preview shows how black text looks on a background with the YIQ color 179.8650, 66.7080, 13.5240.



This preview shows how white text looks on a background with the YIQ color 179.8650, 66.7080,

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

179.8650, 66.7080, 13.5240

Protanopia

178.2560, 19.3500, -9.2740

Deuteranopia

179.3140, 39.7980, -5.4020



Tritanopia

181.6490, 59.0490, 25.6810

Trichromacy



Original Color

179.8650, 66.7080, 13.5240

Protanomaly

179.0950, 36.2210, -1.1470

Deuteranomaly

179.5050, 49.7460, 1.5380

Tritanomaly

180.6830, 61.7090, 21.5250

Monochromacy



Original Color

179.8650, 66.7080, 13.5240

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

179.7380, 24.3450, 4.8330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8650, 66.7080, 13.5240 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(252, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(252, 153, 129)  
}
```

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(252, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 153, 129) }
```

Border

The CSS property to change the border of an element to YIQ 179.8650, 66.7080, 13.5240 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(252, 153, 129) }
```


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

```
.border{ border-color:rgb(252, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 153, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 153, 129);  
box-shadow:4px 4px 4px 4px rgb(252, 153,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8650, 66.7080, 13.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 153, 129) }
```

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

```
.background{ background-color: rgb(252,  
153, 129) }
```

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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