

Converting Colors

YIQ(184.1340, 57.6800,
-10.0960)

Have a look what the booklet for
YIQ(184.1340, 57.6800, -10.0960)
contains.

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Color

**YIQ(184.1340, 57.6800,
-10.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AF67
RGB	233, 175, 103
RGB Percent	91%, 69%, 40%
CMY	0.0862, 0.3138, 0.5958
CMYK	0.00, 0.25, 0.56, 0.09
HSL	33°, 75%, 66%
HSV	33°, 56%, 91%
XYZ	51.3891, 48.9587, 19.5926
YIQ	184.1340, 57.6800, -10.0960

Conversions

Conversions Part 2

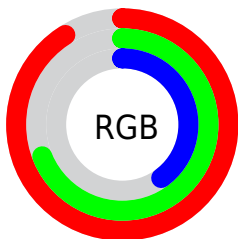
Format	Color
R_{YB}	208, 233, 103
Decimal	15314791
CIE _{Lab}	75.43, 13.25, 44.72
CIE _{LCh}	75, 46.641, 73.490
Yxy	48.9587, 0.4285, 0.4082
Android (android.graphics.Color)	4293504871 (0xFFE9AF67)
YUV	184.1340, -39.9991, 42.8555
Hunter-Lab	69.9705, 8.6489, 32.3775

Details

The YIQ color $184.1340, 57.6800, -10.0960$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $151.8660, -57.6800, 10.0960$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $229.0390, 38.6540, -17.7140$, and $130.2690, 52.8660, -10.9580$ is the 20% darker color. If you saturate the color by 10%, you get $175.6420, 67.8130, -12.0190$, and if you desaturate by 10%, it is $192.6260, 47.5470, -8.1730$.

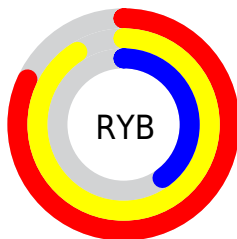
Distribution



Red (91%)

Green (69%)

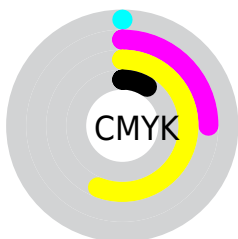
Blue (40%)



Red (82%)

Yellow (91%)

Blue (40%)

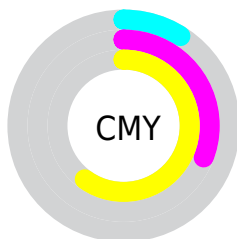


Cyan (0%)

Magenta (25%)

Yellow (56%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 184.1340, 57.6800, -10.0960 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 184.1340, 57.6800, -10.0960 by changing the saturation by 10% instead.


 184.1340, 57.6800,
-10.0960


 184.1340, 57.6800,
-10.0960


255.0000, -0.0000,
-0.0000


 156.4650, 55.2500,
-10.1100


 229.0390, 38.6540,
-17.7140


 130.2690, 52.8660,
-10.9580


 246.7920, 23.1120,
-22.3920


 104.3720, 51.0780,
-11.5940

 249.9840, 14.1240,
-13.6840

 78.7200, 49.9780,
-13.6860

 253.2900, 4.8150,
-4.6650

 57.1460, 40.2110,
-7.3810

 36.4470, 29.2980,
-2.3340

 16.6450, 20.1730,

3.3490

■ 0.0000, 0.0000,
0.0000

■ 184.1340, 57.6800,
-10.0960

■ 184.1340, 57.6800,
-10.0960

■ 175.6420, 67.8130,
-12.0190

■ 192.6260, 47.5470,
-8.1730

■ 166.4490, 78.5420,
-13.7300

■ 201.8190, 36.8180,
-6.4620

■ 157.9570, 88.6750,
-15.6530

■ 210.3110, 26.6850,
-4.5390

■ 148.8780, 99.0830,
-17.0530

■ 219.3900, 16.2770,
-3.1390

■ 145.3900,
103.3930, -18.0710

■ 227.9960, 5.8230,
-0.9050

■ 236.4880, -4.3100,
1.0180

■ 244.3130,
-11.1870, -1.0030

■ 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



184.8710, 66.5710, 10.4990



184.1340, 57.6800, -10.0960



180.3490, 31.5490, -26.6190

Triad

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



184.1340, 57.6800, -10.0960



145.3520, -122.6840, -45.3400



190.5860, 2.6070, 35.3670

Complementary

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



184.1340, 57.6800, -10.0960



151.8660, -57.6800, 10.0960

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.



181.9390, -41.5880, 15.8200



184.1340, 57.6800, -10.0960



148.1510, -134.6990, -31.3310

Square

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



184.1340, 57.6800, -10.0960



165.4630, -57.0290, -40.2690



162.9480, -99.6740, -10.7940



190.3980, 41.3030, 38.9270

Rectangle

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



184.1340, 57.6800, -10.0960



177.1440, 7.0210, -33.6430



162.9480, -99.6740, -10.7940



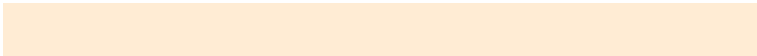
189.5240, -12.0180, 30.5900

Sweetspot

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



184.1340, 57.6800, -10.0960



238.9450, 19.0280, -3.4360



148.5960, 58.5410, 45.9090



117.9920, 11.6460, -1.8100



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.



184.1340, 57.6800, -10.0960



190.8940, 75.7910, -13.4330



216.3860, 38.1540, -41.7020



112.8110, 4.9060, -0.8060



112.8190, 80.3760, -13.9280



33.7560, 23.9340, -4.2420

Inverse Universe

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



151.8660, -57.6800, 10.0960



148.1060, -75.7910, 13.4330



119.9130, -37.5580, 41.9140



110.1890, -4.9060, 0.8060



68.1810, -80.3760, 13.9280



20.2440, -23.9340, 4.2420

Previews

White Background



This preview shows how the YIQ color 184.1340, 57.6800, -10.0960 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 184.1340, 57.6800, -10.0960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

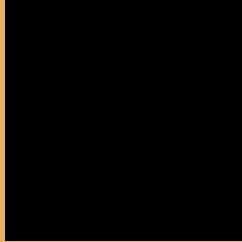
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.1340, 57.6800, -10.0960

Background



This preview shows how black text looks on a background with the YIQ color 184.1340, 57.6800, -10.0960.



This preview shows how white text looks on a background with the YIQ color 184.1340, 57.6800, -10.0960.

-10.0960.

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

184.1340, 57.6800, -10.0960

Protanopia

182.3760, 36.0870, -20.7530

Deuteranopia

183.5140, 53.5540, -12.4140



Tritanopia

189.3090, 39.3350, 19.5190

Trichromacy



Original Color

184.1340, 57.6800, -10.0960

Protanomaly

183.2030, 44.0640, -16.6400

Deuteranomaly

183.5250, 55.0210, -11.4670

Tritanomaly

187.2800, 46.3060, 8.8180

Monochromacy



Original Color

184.1340, 57.6800, -10.0960

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.3150, 20.8620, -3.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.1340, 57.6800, -10.0960 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(233, 175, 103)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 103)  
}
```

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(233, 175, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 103) }
```

Border

The CSS property to change the border of an element to YIQ 184.1340, 57.6800, -10.0960 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(233, 175, 103) }
```


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

```
.border{ border-color:rgb(233, 175, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 175, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 103);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 184.1340, 57.6800, -10.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 103) }
```

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

```
.background{ background-color: rgb(233,  
175, 103) }
```

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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