

Converting Colors

YIQ(184.7650, 63.2730, -6.8310)

Have a look what the booklet for
YIQ(184.7650, 63.2730, -6.8310)
contains.

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Color

**YIQ(184.7650, 63.2730,
-6.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	F1AC67
RGB	241, 172, 103
RGB Percent	95%, 67%, 40%
CMY	0.0548, 0.3256, 0.5958
CMYK	0.00, 0.29, 0.57, 0.05
HSL	30°, 83%, 67%
HSV	30°, 57%, 95%
XYZ	53.4852, 49.1810, 19.5263
YIQ	184.7650, 63.2730, -6.8310

Conversions

Conversions Part 2

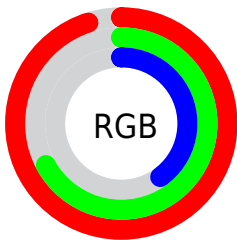
Format	Color
R_{YB}	241, 241, 103
Decimal	15838311
CIE Lab	75.56, 18.12, 45.08
CIE LCh	76, 48.591, 68.099
Yxy	49.1810, 0.4377, 0.4025
Android (android.graphics.Color)	4294028391 (0xFFFF1AC67)
YUV	184.7650, -40.3101, 49.3181
Hunter-Lab	70.1292, 13.4101, 32.5821

Details

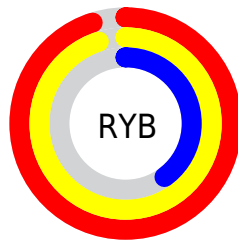
The YIQ color **184.7650, 63.2730, -6.8310** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **159.2350, -63.2730, 6.8310**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.2780, 39.4790, -16.1450**, and **130.6010, 57.8630, -7.9050** is the 20% darker color. If you saturate the color by 10%, you get **174.9850, 74.2770, -8.0190**, and if you desaturate by 10%, it is **194.5450, 52.2690, -5.6430**.

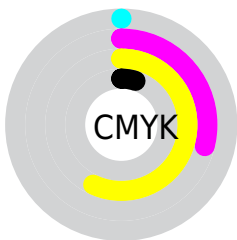
Distribution



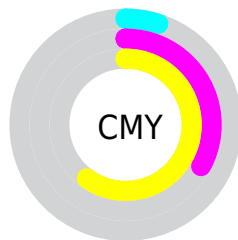
- Red (95%)
- Green (67%)
- Blue (40%)



- Red (95%)
- Yellow (95%)
- Blue (40%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7650, 63.2730, -6.8310 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 184.7650, 63.2730, -6.8310 by changing the saturation by 10% instead.

184.7650, 63.2730,
-6.8310

184.7650, 63.2730,
-6.8310

255.0000, -0.0000,
-0.0000

157.0960, 60.8430,
-6.8450

227.2780, 39.4790,
-16.1450

130.6010, 57.8630,
-7.9050

246.7920, 23.1120,
-22.3920

104.4050, 55.4790,
-8.7530

249.9840, 14.1240,
-13.6840

78.7530, 54.3790,
-10.8450

253.2900, 4.8150,
-4.6650

57.1790, 44.6120,
-4.5400

36.4800, 33.6990,
0.5070

15.7920, 24.2530,

6.5010

■ 0.0000, 0.0000,
0.0000

■ 184.7650, 63.2730,
-6.8310

■ 184.7650, 63.2730,
-6.8310

■ 174.9850, 74.2770,
-8.0190

■ 194.5450, 52.2690,
-5.6430

■ 165.2050, 85.2810,
-9.2070

■ 204.3250, 41.2650,
-4.4550

■ 155.4250, 96.2850,
-10.3950

■ 214.1050, 30.2610,
-3.2670

■ 145.6450,
107.2890, -11.5830

■ 223.8850, 19.2570,
-2.0790

■ 142.4990,
110.6360, -11.6680

■ 233.7790, 7.9320,
-0.5800

■ 243.5590, -3.0720,
0.6080

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



183.5660, 66.1120, 13.3120



184.7650, 63.2730, -6.8310



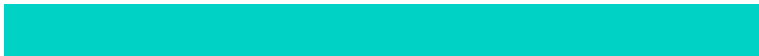
181.5840, 38.1970, -25.9550

Triad

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



184.7650, 63.2730, -6.8310



145.7280, -120.9870, -48.5630



190.4540, -5.8290, 34.0670

Complementary

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



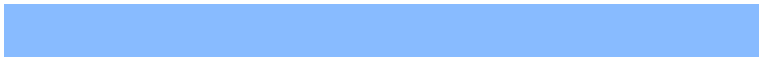
184.7650, 63.2730, -6.8310



159.2350, -63.2730, 6.8310

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.



179.5030, -52.2240, 10.3360



184.7650, 63.2730, -6.8310



148.8690, -133.9650, -33.6210

Square

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



184.7650, 63.2730, -6.8310



166.8290, -49.3720, -41.3720



146.4700, -136.8550, -25.2950



191.5270, 36.6260, 41.0900

Rectangle

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



184.7650, 63.2730, -6.8310



178.1510, 14.3110, -33.6010



146.4700, -136.8550, -25.2950



187.9960, -19.3990, 26.6890

Sweetspot

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



184.7650, 63.2730, -6.8310



237.1840, 19.8530, -1.8670



152.3560, 59.4570, 51.3370



117.4050, 11.9210, -1.2870



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.



184.7650, 63.2730, -6.8310



183.2800, 80.6960, -8.7120



224.0940, 44.8480, -41.8720



115.1100, 5.5020, -0.5940



109.0200, 84.3640, -9.1080



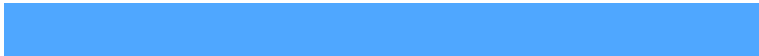
33.1800, 25.6760, -2.7720

Inverse Universe

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



159.2350, -63.2730, 6.8310



150.7200, -80.6960, 8.7120



119.9060, -44.8480, 41.8720



112.8900, -5.5020, 0.5940



74.9800, -84.3640, 9.1080



22.8200, -25.6760, 2.7720

Previews

White Background



This preview shows how the YIQ color 184.7650, 63.2730, -6.8310 looks on a white background.

Color Contrast Check

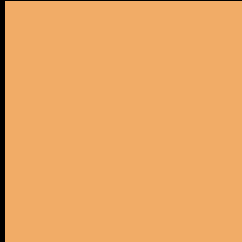
Large Text (above 18pt) WCAG AA × Fail

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 184.7650, 63.2730, -6.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

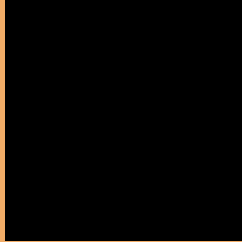
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.7650, 63.2730, -6.8310

Background



This preview shows how black text looks on a background with the YIQ color 184.7650, 63.2730, -6.8310.



This preview shows how white text looks on a background with the YIQ color 184.7650, 63.2730, -6.8310.

-6.8310.

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

184.7650, 63.2730, -6.8310

Protanopia

183.0770, 35.4910, -20.9650

Deuteranopia

184.2860, 54.1960, -13.0360



Tritanopia

189.5980, 45.8910, 21.8510

Trichromacy



Original Color

184.7650, 63.2730, -6.8310

Protanomaly

183.8010, 45.2560, -16.2160

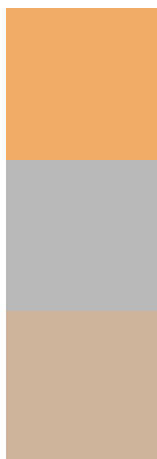
Deuteranomaly

184.6070, 57.7260, -10.9300

Tritanomaly

187.6830, 52.5410, 11.4610

Monochromacy



Original Color

184.7650, 63.2730, -6.8310

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.6250, 22.9250, -2.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.7650, 63.2730, -6.8310 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(241, 172, 103)` looks like.

```
.text, #text, p{  
    color:rgb(241, 172, 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(241, 172, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 172, 103) }
```

Border

The CSS property to change the border of an element to YIQ 184.7650, 63.2730, -6.8310 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(241, 172, 103) }
```


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

```
.border{ border-color:rgb(241, 172, 103) }
```

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

Here you see how a box with a 4 pixel rgb(241, 172, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 172, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 172, 103);  
box-shadow:4px 4px 4px 4px rgb(241, 172,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 184.7650, 63.2730, -6.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 172, 103) }
```

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

```
.background{ background-color: rgb(241,  
172, 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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