

Converting Colors

YIQ(193.0310, 76.6630,
-18.2250)

Have a look what the booklet for
YIQ(193.0310, 76.6630, -18.2250)
contains.

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Color

**YIQ(193.0310, 76.6630,
-18.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB84D
RGB	255, 184, 77
RGB Percent	100%, 72%, 30%
CMY	0.0000, 0.2785, 0.6976
CMYK	0.00, 0.28, 0.70, 0.00
HSL	36°, 100%, 65%
HSV	36°, 70%, 100%
XYZ	59.7173, 56.0657, 14.7138
YIQ	193.0310, 76.6630, -18.2250

Conversions

Conversions Part 2

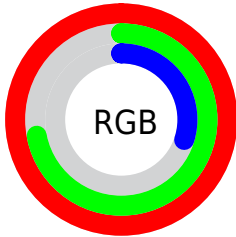
Format	Color
RYB	195, 255, 77
Decimal	16758861
CIELab	79.65, 15.95, 62.28
CIELCh	80, 64.294, 75.633
Yxy	56.0657, 0.4576, 0.4296
Android (android.graphics.Color)	4294948941 (0xFFFFB84D)
YUV	193.0310, -57.2033, 54.3468
Hunter-Lab	74.8770, 11.3258, 40.7631

Details

The YIQ color **193.0310, 76.6630, -18.2250** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **138.9690, -76.6630, 18.2250**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0590, 43.9290, -30.7190**, and **136.8410, 74.1420, -22.0980** is the 20% darker color. If you saturate the color by 10%, you get **184.3110, 87.4380, -20.7700**, and if you desaturate by 10%, it is **201.8650, 65.5670, -15.3690**.

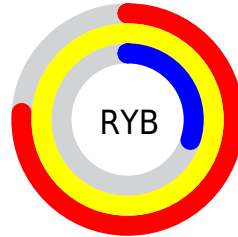
Distribution



Red (100%)

Green (72%)

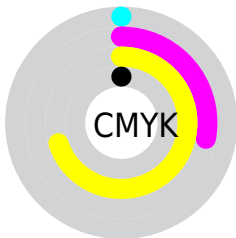
Blue (30%)



Red (76%)

Yellow (100%)

Blue (30%)

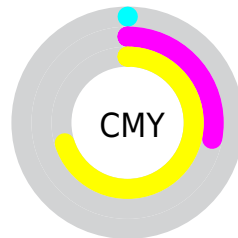


Cyan (0%)

Magenta (28%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.0310, 76.6630, -18.2250 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 193.0310, 76.6630, -18.2250 by changing the saturation by 10% instead.

193.0310, 76.6630,
-18.2250

193.0310, 76.6630,
-18.2250

255.0000, -0.0000,
-0.0000

164.8350, 74.2790,
-19.0730

232.0590, 43.9290,
-30.7190

136.9550, 73.8210,
-21.7870

243.9420, 31.1370,
-30.1670

111.2580, 68.5940,
-20.6700

247.1340, 22.1490,
-21.4590

88.4990, 57.9100,
-14.2660

250.4400, 12.8400,
-12.4400

66.3270, 46.9510,
-8.3850

253.7460, 3.5310,
-3.4210

45.0410, 36.3130,
-2.8150

24.6410, 25.9960,

2.4440

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 193.0310, 76.6630,
-18.2250

■ 193.0310, 76.6630,
-18.2250

■ 184.3110, 87.4380,
-20.7700

■ 201.8650, 65.5670,
-15.3690

■ 175.4770, 98.5340,
-23.6260

■ 210.5850, 54.7920,
-12.8240

■ 166.1700,
109.5840, -25.6480

■ 220.0060, 43.4210,
-10.4910

■ 166.0560,
109.9050, -25.9590

■ 228.7260, 32.6460,
-7.9460

■ 237.5600, 21.5500,
-5.0900

■ 246.2800, 10.7750,
-2.5450

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.



183.7480, 71.1110, 5.3110



193.0310, 76.6630, -18.2250



188.2830, 39.9420, -41.0660

Triad

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



193.0310, 76.6630, -18.2250



159.2410, -135.6130, -47.8130



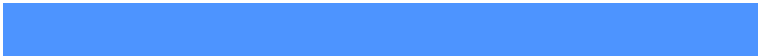
200.3320, 15.3060, 42.0100

Complementary

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



193.0310, 76.6630, -18.2250



138.9690, -76.6630, 18.2250

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.



186.9120, -46.1260, 9.9540



193.0310, 76.6630, -18.2250



159.9710, -143.1800, -37.3240

Square

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



193.0310, 76.6630, -18.2250



150.9990, -115.1610, -66.0490



153.5140, -140.1550, -31.5710



189.2270, 37.7710, 47.8750

Rectangle

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



193.0310, 76.6630, -18.2250



183.3910, 4.2270, -49.0930



153.5140, -140.1550, -31.5710



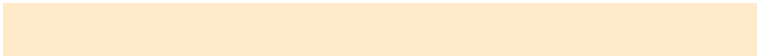
197.5530, -1.7940, 32.5260

Sweetspot

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



193.0310, 76.6630, -18.2250



236.5170, 23.1090, -5.8110



138.3160, 83.2970, 59.8170



116.7210, 13.8470, -3.1530



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.



193.0310, 76.6630, -18.2250



180.1220, 92.3440, -21.5760



229.3260, 46.4100, -59.1740



122.9960, 5.8230, -0.9050



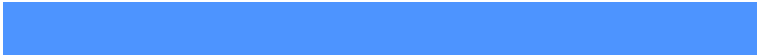
124.6140, 82.2110, -19.6530



41.4420, 27.6940, -6.3060

Inverse Universe

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



138.9690, -76.6630, 18.2250



115.2910, -92.0690, 22.0990



102.6740, -46.4100, 59.1740



119.4170, -5.5480, 1.4280



66.3860, -82.2110, 19.6530



21.9710, -27.4190, 6.8290

Previews

White Background



This preview shows how the YIQ color 193.0310, 76.6630, -18.2250 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 193.0310, 76.6630, -18.2250 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 193.0310, 76.6630, -18.2250

Background



This preview shows how black text looks on a background with the YIQ color 193.0310, 76.6630, -18.2250.



This preview shows how white text looks on a background with the YIQ color 193.0310, 76.6630, -18.2250.

-18.2250.

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

193.0310, 76.6630, -18.2250

Protanopia

191.2400, 50.6690, -31.7230

Deuteranopia

192.5740, 70.5200, -22.5360



Tritanopia

200.8750, 43.5530, 20.1690

Trichromacy



Original Color

193.0310, 76.6630, -18.2250

Protanomaly

192.0780, 60.1130, -26.6630

Deuteranomaly

192.8840, 72.5830, -21.3770

Tritanomaly

198.0760, 55.5680, 6.1600

Monochromacy



Original Color

193.0310, 76.6630, -18.2250

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.3280, 28.0150, -6.6170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.0310, 76.6630, -18.2250 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, 184, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 77)  
}
```

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, 184, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 77) }
```

Border

The CSS property to change the border of an element to YIQ 193.0310, 76.6630, -18.2250 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, 184, 77) }
```


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

```
.border{ border-color:rgb(255, 184, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 193.0310, 76.6630, -18.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 77) }
```

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

```
.background{ background-color: rgb(255,  
184, 77) }
```

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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