

Converting Colors

YIQ(178.7690, 74.6450,
-14.6910)

Have a look what the booklet for
YIQ(178.7690, 74.6450, -14.6910)
contains.

YIQ(178.7690, 74.6450, -14.6910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(178.7690, 74.6450,
-14.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A847
RGB	241, 168, 71
RGB Percent	95%, 66%, 28%
CMY	0.0548, 0.3413, 0.7212
CMYK	0.00, 0.30, 0.71, 0.05
HSL	34°, 86%, 61%
HSV	34°, 71%, 95%
XYZ	51.4228, 47.1558, 12.3689
YIQ	178.7690, 74.6450, -14.6910

Conversions

Conversions Part 2

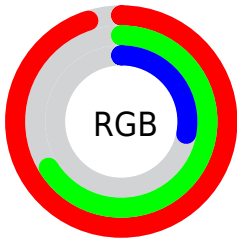
Format	Color
RYB	199, 241, 71
Decimal	15837255
CIELab	74.29, 18.24, 58.81
CIElCh	74, 61.573, 72.767
Yxy	47.1558, 0.4635, 0.4250
Android (android.graphics.Color)	4294027335 (0xFFFF1A847)
YUV	178.7690, -53.1301, 54.5766
Hunter-Lab	68.6701, 13.4949, 37.3897

Details

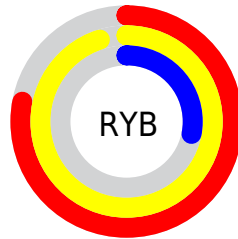
The YIQ color **178.7690, 74.6450, -14.6910** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **133.2310, -74.6450, 14.6910**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.2820, 50.8510, -24.0050**, and **123.1660, 71.8490, -19.0870** is the 20% darker color. If you saturate the color by 10%, you get **170.1630, 85.0990, -16.9250**, and if you desaturate by 10%, it is **187.3750, 64.1910, -12.4570**.

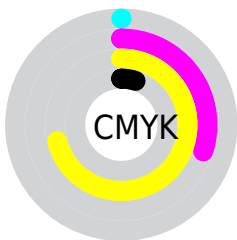
Distribution



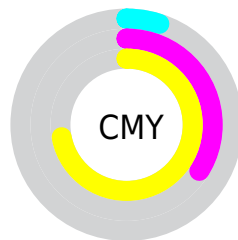
- Red (95%)
- Green (66%)
- Blue (28%)



- Red (78%)
- Yellow (95%)
- Blue (28%)



- Cyan (0%)
- Magenta (30%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.7690, 74.6450, -14.6910 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 178.7690, 74.6450, -14.6910 by changing the saturation by 10% instead.

178.7690, 74.6450,
-14.6910

178.7690, 74.6450,
-14.6910

255.0000, -0.0000,
-0.0000

151.1600, 71.9860,
-16.0620

221.2820, 50.8510,
-24.0050

123.2800, 71.5280,
-18.7760

241.3830, 34.2090,
-30.7750

98.5660, 64.9710,
-15.5810

246.3360, 24.3960,
-23.6360

76.3940, 54.0120,
-9.7000

249.5280, 15.4080,
-14.9280

54.2220, 43.0530,
-3.8190

252.8340, 6.0990,
-5.9090

33.8220, 32.7360,
1.4400

12.8460, 24.1610,

8.1690

■ 0.0000, 0.0000,
0.0000

■ 178.7690, 74.6450,
-14.6910

■ 178.7690, 74.6450,
-14.6910

■ 170.1630, 85.0990,
-16.9250

■ 187.3750, 64.1910,
-12.4570

■ 160.9700, 95.8280,
-18.6360

■ 196.5680, 53.4620,
-10.7460

■ 152.4780,
105.9610, -20.5590

■ 205.1740, 43.0080,
-8.5120

■ 213.8940, 32.2330,
-5.9670

■ 223.0870, 21.5040,
-4.2560

■ 231.6930, 11.0500,
-2.0220

■ 240.8860, 0.3210,
-0.3110

■ 248.4660, -7.2440,
-0.8760

■ 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.



174.2590, 77.1620, 11.2900



178.7690, 74.6450, -14.6910



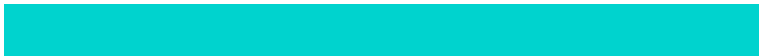
174.1740, 41.8670, -37.4050

Triad

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



178.7690, 74.6450, -14.6910



147.3410, -124.1510, -46.2870



186.9980, 4.6230, 42.8870

Complementary

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



178.7690, 74.6450, -14.6910



133.2310, -74.6450, 14.6910

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.



172.6920, -57.1300, 11.1420



178.7690, 74.6450, -14.6910



151.1660, -139.0550, -29.4790

Square

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



178.7690, 74.6450, -14.6910



138.8540, -104.3870, -63.0670



145.2960, -136.3050, -24.2490



181.5160, 44.3270, 50.2070

Rectangle

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



178.7690, 74.6450, -14.6910



170.1360, 9.4990, -45.5170



145.2960, -136.3050, -24.2490



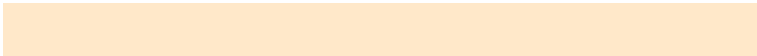
183.9200, -13.0730, 33.1910

Sweetspot

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



178.7690, 74.6450, -14.6910



235.3430, 23.6590, -4.7650



130.2660, 77.5660, 59.0540



116.1340, 14.1220, -2.6300



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.



178.7690, 74.6450, -14.6910



175.6710, 95.2320, -18.8480



218.3310, 48.0140, -55.2020



115.6970, 5.2270, -1.1170



116.6510, 80.7890, -15.9070



35.5280, 24.5760, -4.8640

Inverse Universe

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



133.2310, -74.6450, 14.6910



117.3290, -95.2320, 18.8480



93.6690, -48.0140, 55.2020



112.3030, -5.2270, 1.1170



67.3490, -80.7890, 15.9070



20.4720, -24.5760, 4.8640

Previews

White Background



This preview shows how the YIQ color 178.7690, 74.6450, -14.6910 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 178.7690, 74.6450, -14.6910 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 178.7690, 74.6450, -14.6910

Background



This preview shows how black text looks on a background with the YIQ color 178.7690, 74.6450, -14.6910.



This preview shows how white text looks on a background with the YIQ color 178.7690, 74.6450, -14.6910.

-14.6910.

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

178.7690, 74.6450, -14.6910

Protanopia

177.0810, 46.8630, -28.8250

Deuteranopia

178.1760, 65.8890, -21.2070



Tritanopia

185.9790, 49.1920, 22.6000

Trichromacy



Original Color

178.7690, 74.6450, -14.6910

Protanomaly

177.8050, 56.6280, -24.0760

Deuteranomaly

178.6110, 69.0980, -18.7900

Tritanomaly

183.6250, 58.4560, 8.8880

Monochromacy



Original Color

178.7690, 74.6450, -14.6910

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0830, 27.3270, -5.1610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7690, 74.6450, -14.6910 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, 168, 71)` looks like.

```
.text, #text, p{  
    color:rgb(241, 168, 71)  
}
```

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, 168, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 168, 71) }
```

Border

The CSS property to change the border of an element to YIQ 178.7690, 74.6450, -14.6910 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, 168, 71) }
```


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

```
.border{ border-color:rgb(241, 168, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 168, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 168, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 168, 71);  
box-shadow:4px 4px 4px 4px rgb(241, 168,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7690, 74.6450, -14.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 168, 71) }
```

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

```
.background{ background-color: rgb(241,  
168, 71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor