

Converting Colors

YIQ(184.0700, 54.5640,
-19.7080)

Have a look what the booklet for
YIQ(184.0700, 54.5640, -19.7080)
contains.

YIQ(184.0700, 54.5640, -19.7080)	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(184.0700, 54.5640,
-19.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B65A
RGB	224, 182, 90
RGB Percent	88%, 71%, 35%
CMY	0.1215, 0.2863, 0.6468
CMYK	0.00, 0.19, 0.60, 0.12
HSL	41°, 68%, 62%
HSV	41°, 60%, 88%
XYZ	49.3167, 50.0370, 16.7481
YIQ	184.0700, 54.5640, -19.7080

Conversions

Conversions Part 2

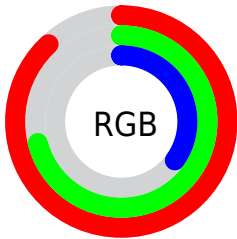
Format	Color
RYB	151, 224, 90
Decimal	14726746
CIELab	76.09, 4.83, 51.62
CIELCh	76, 51.845, 84.652
Yxy	50.0370, 0.4248, 0.4310
Android (android.graphics.Color)	4292916826 (0xFFE0B65A)
YUV	184.0700, -46.3765, 35.0186
Hunter-Lab	70.7369, 0.6581, 35.4779

Details

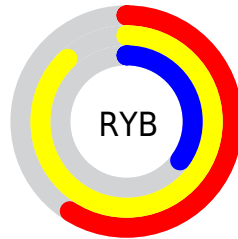
The YIQ color $184.0700, 54.5640, -19.7080$ is a light color, and the websafe version is hex FFCC66 . The color can be described as light muted orange. A complement of this color would be $129.9300, -54.5640, 19.7080$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $232.2530, 40.6270, -25.9410$, and $129.6890, 51.2630, -20.4570$ is the 20% darker color. If you saturate the color by 10%, you get $177.4530, 63.5510, -22.8890$, and if you desaturate by 10%, it is $190.6870, 45.5770, -16.5270$.

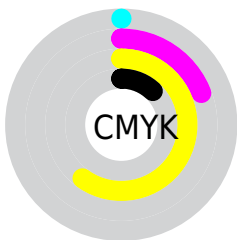
Distribution



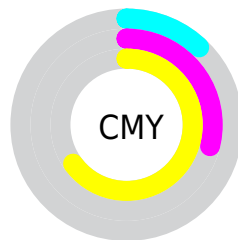
- Red (88%)
- Green (71%)
- Blue (35%)



- Red (59%)
- Yellow (88%)
- Blue (35%)



- Cyan (0%)
- Magenta (19%)
- Yellow (60%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.0700, 54.5640, -19.7080 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 184.0700, 54.5640, -19.7080 by changing the saturation by 10% instead.

184.0700, 54.5640,
-19.7080

184.0700, 54.5640,
-19.7080

255.0000, -0.0000,
-0.0000

156.5860, 53.0510,
-19.8210

232.2530, 40.6270,
-25.9410

129.6890, 51.2630,
-20.4570

245.3100, 27.2850,
-26.4350

102.6950, 51.1260,
-23.4820

248.5020, 18.2970,
-17.7270

80.4370, 43.2850,
-19.0430

251.8080, 8.9880,
-8.7080

58.8630, 33.5180,
-12.7380

38.4630, 23.2010,
-7.4790

18.9600, 14.6720,

-1.5840

■ 0.0000, 0.0000,
0.0000

■ 184.0700, 54.5640,
-19.7080

■ 184.0700, 54.5640,
-19.7080

■ 177.4530, 63.5510,
-22.8890

■ 190.6870, 45.5770,
-16.5270

■ 170.7220, 72.8590,
-26.3810

■ 197.4180, 36.2690,
-13.0350

■ 164.1050, 81.8460,
-29.5620

■ 204.0350, 27.2820,
-9.8540

■ 157.3740, 91.1540,
-33.0540

■ 210.7660, 17.9740,
-6.3620

■ 217.3830, 8.9870,
-3.1810

■ 224.0000, -0.0000,
0.0000

■ 230.7310, -9.3080,
3.4920

■ 235.7520,
-13.8010, 2.3190

■ 239.8610,
-15.7260, -1.3420

Harmonies

Analogous

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



185.7540, 70.9740, 2.2860



184.0700, 54.5640, -19.7080



179.6200, 20.1800, -35.3400

Triad

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



184.0700, 54.5640, -19.7080



150.2080, -130.8460, -40.5900



193.1970, 20.1200, 42.8720

Complementary

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



184.0700, 54.5640, -19.7080



129.9300, -54.5640, 19.7080

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.



186.7780, -24.7170, 23.9470



184.0700, 54.5640, -19.7080



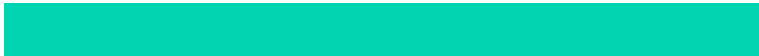
149.9920, -138.5050, -28.4330

Square

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



184.0700, 54.5640, -19.7080



144.6220, -115.1170, -55.8290



168.0530, -86.6080, -5.2960



186.2800, 47.4470, 37.7110

Rectangle

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



184.0700, 54.5640, -19.7080



174.9460, -10.2170, -40.6250



168.0530, -86.6080, -5.2960



192.8900, 4.8070, 39.5510

Sweetspot

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



184.0700, 54.5640, -19.7080



241.5380, 18.6160, -6.9840



134.8540, 66.3820, 41.4700



119.4110, 11.7840, -4.3120



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.



184.0700, 54.5640, -19.7080



199.9780, 75.0140, -26.8900



201.2490, 28.1140, -46.9740



108.9850, 4.3560, -1.8520



123.6510, 71.6210, -25.9710



33.7230, 19.5330, -7.0830

Inverse Universe

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



129.9300, -54.5640, 19.7080



126.0220, -75.0140, 26.8900



112.7510, -28.1140, 46.9740



104.6020, -4.6310, 1.3290



52.3490, -71.6210, 25.9710



14.2770, -19.5330, 7.0830

Previews

White Background



This preview shows how the YIQ color 184.0700, 54.5640, -19.7080 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 184.0700, 54.5640, -19.7080 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 184.0700, 54.5640, -19.7080

Background



This preview shows how black text looks on a background with the YIQ color 184.0700, 54.5640, -19.7080.



This preview shows how white text looks on a background with the YIQ color 184.0700, 54.5640, -19.7080.

-19.7080.

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

184.0700, 54.5640, -19.7080

Protanopia

183.0360, 42.7360, -25.6160

Deuteranopia

184.8150, 59.8360, -16.1320



Tritanopia

191.4220, 31.5870, 16.7630

Trichromacy



Original Color

184.0700, 54.5640, -19.7080

Protanomaly

183.5420, 47.1830, -23.6090

Deuteranomaly

184.5050, 57.7730, -17.2910

Tritanomaly

188.8830, 39.9340, 3.1500

Monochromacy



Original Color

184.0700, 54.5640, -19.7080

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.0220, 20.1290, -6.8710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.0700, 54.5640, -19.7080 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(224, 182, 90)` looks like.

```
.text, #text, p{  
    color:rgb(224, 182, 90)  
}
```

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(224, 182, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 182, 90) }
```

Border

The CSS property to change the border of an element to YIQ 184.0700, 54.5640, -19.7080 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(224, 182, 90) }
```


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

```
.border{ border-color:rgb(224, 182, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 182, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 182, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 182, 90);  
box-shadow:4px 4px 4px 4px rgb(224, 182,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 184.0700, 54.5640, -19.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 182, 90) }
```

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

```
.background{ background-color: rgb(224,  
182, 90) }
```

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