

Converting Colors

YIQ(195.8710, 65.4300,
-18.3940)

Have a look what the booklet for
YIQ(195.8710, 65.4300, -18.3940)
contains.

YIQ(195.8710, 65.4300, -18.3940)	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(195.8710, 65.4300,
-18.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BE5C
RGB	247, 190, 92
RGB Percent	97%, 75%, 36%
CMY	0.0313, 0.2550, 0.6389
CMYK	0.00, 0.23, 0.63, 0.03
HSL	38°, 91%, 66%
HSV	38°, 63%, 97%
XYZ	58.7082, 57.3682, 18.1238
YIQ	195.8710, 65.4300, -18.3940

Conversions

Conversions Part 2

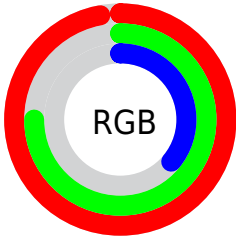
Format	Color
RYB	182, 247, 92
Decimal	16236124
CIELab	80.39, 10.36, 56.17
CIELCh	80, 57.114, 79.550
Yxy	57.3682, 0.4375, 0.4275
Android (android.graphics.Color)	4294426204 (0xFFF7BE5C)
YUV	195.8710, -51.2084, 44.8401
Hunter-Lab	75.7418, 5.8088, 38.8322

Details

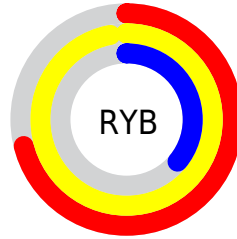
The YIQ color **195.8710, 65.4300, -18.3940** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **143.1290, -65.4300, 18.3940**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.1770, 37.7850, -29.5030**, and **140.7780, 61.2580, -19.8780** is the 20% darker color. If you saturate the color by 10%, you get **187.7380, 75.9300, -21.4620**, and if you desaturate by 10%, it is **204.0040, 54.9300, -15.3260**.

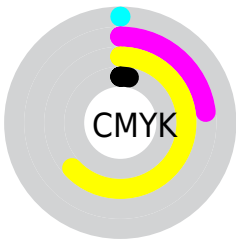
Distribution



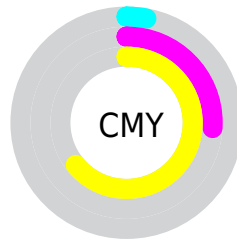
- Red (97%)
- Green (75%)
- Blue (36%)



- Red (71%)
- Yellow (97%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (3%)



- Cyan (3%)
- Magenta (26%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.8710, 65.4300, -18.3940 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 195.8710, 65.4300, -18.3940 by changing the saturation by 10% instead.

195.8710, 65.4300,
-18.3940

195.8710, 65.4300,
-18.3940

255.0000, -0.0000,
-0.0000

168.0880, 63.3210,
-18.7190

237.1770, 37.7850,
-29.5030

140.7780, 61.2580,
-19.8780

245.6520, 26.3220,
-25.5020

113.4420, 62.0840,
-23.8360

248.8440, 17.3340,
-16.7940

89.6400, 52.9590,
-18.1530

252.1500, 8.0250,
-7.7750

67.7670, 42.5960,
-12.0600

46.7800, 32.5540,
-6.2780

27.2660, 22.5580,

-1.3300

■ 7.1760, 14.3040,
5.0880

■ 0.0000, 0.0000,
0.0000

■ 195.8710, 65.4300,
-18.3940

■ 195.8710, 65.4300,
-18.3940

■ 187.7380, 75.9300,
-21.4620

■ 204.0040, 54.9300,
-15.3260

■ 179.7190, 86.1090,
-24.2190

■ 212.0230, 44.7510,
-12.5690

■ 171.5860, 96.6090,
-27.2870

■ 220.1560, 34.2510,
-9.5010

■ 165.4250,
104.3120, -29.2240

■ 228.2890, 23.7510,
-6.4330

■ 236.4220, 13.2510,
-3.3650

■ 245.0280, 2.7970,
-1.1310

■ 252.0210, -4.4930,
-1.1730

■ 252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



189.7150, 66.7100, 2.4700



195.8710, 65.4300, -18.3940



191.2420, 29.9920, -36.9520

Triad

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



195.8710, 65.4300, -18.3940



159.2240, -136.9430, -45.7350



203.8870, 18.0570, 41.7130

Complementary

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



195.8710, 65.4300, -18.3940



143.1290, -65.4300, 18.3940

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.



194.0880, -31.8220, 15.0420



195.8710, 65.4300, -18.3940



159.3840, -142.9050, -36.8010

Square

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



195.8710, 65.4300, -18.3940



156.5530, -110.6690, -59.3490



160.7010, -124.3840, -25.5360



192.8970, 38.4600, 40.8920

Rectangle

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



195.8710, 65.4300, -18.3940



186.7310, -2.4220, -44.2300



160.7010, -124.3840, -25.5360



201.7170, 3.6160, 33.6000

Sweetspot

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



195.8710, 65.4300, -18.3940



238.9620, 20.3580, -5.5140



145.0710, 73.4410, 51.2090



118.1230, 12.6550, -3.5770



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.



195.8710, 65.4300, -18.3940



192.1360, 80.5610, -22.7910



223.9480, 39.0270, -52.0210



118.2840, 4.9520, -1.6400



124.8800, 78.4060, -22.2820



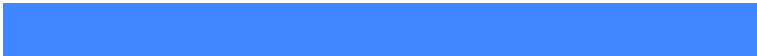
39.3600, 24.9890, -6.8430

Inverse Universe

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



143.1290, -65.4300, 18.3940



126.8640, -80.5610, 22.7910



115.0520, -39.0270, 52.0210



114.3030, -5.2270, 1.1170



61.7070, -78.6810, 21.7590



19.6400, -24.9890, 6.8430

Previews

White Background



This preview shows how the YIQ color 195.8710, 65.4300, -18.3940 looks on a white background.

Color Contrast Check

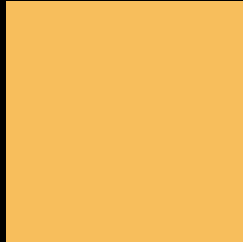
Large Text (above 18pt) WCAG AA × Fail

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 195.8710, 65.4300, -18.3940 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 195.8710, 65.4300, -18.3940

Background



This preview shows how black text looks on a background with the YIQ color 195.8710, 65.4300, -18.3940.



This preview shows how white text looks on a background with the YIQ color 195.8710, 65.4300, -18.3940.

-18.3940.

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

195.8710, 65.4300, -18.3940

Protanopia

194.3090, 46.2210, -28.2030

Deuteranopia

195.8710, 65.4300, -18.3940



Tritanopia

203.3200, 40.8020, 20.4660

Trichromacy



Original Color

195.8710, 65.4300, -18.3940

Protanomaly

194.5380, 53.0060, -24.5140

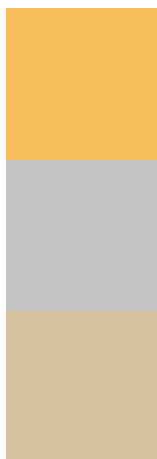
Deuteranomaly

195.8710, 65.4300, -18.3940

Tritanomaly

200.5530, 49.7910, 6.2310

Monochromacy



Original Color

195.8710, 65.4300, -18.3940

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1750, 24.0720, -6.7440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.8710, 65.4300, -18.3940 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(247, 190, 92)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 92)  
}
```

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(247, 190, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 92) }
```

Border

The CSS property to change the border of an element to YIQ 195.8710, 65.4300, -18.3940 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(247, 190, 92) }
```


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

```
.border{ border-color:rgb(247, 190, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 190, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 190, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 190, 92);  
box-shadow:4px 4px 4px 4px rgb(247, 190,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 195.8710, 65.4300, -18.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 190, 92) }
```

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

```
.background{ background-color: rgb(247,  
190, 92) }
```

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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