

Converting Colors

YIQ(206.2650, 58.6890,
-11.8630)

Have a look what the booklet for
YIQ(206.2650, 58.6890, -11.8630)
contains.

YIQ(206.2650, 58.6890, -11.8630)	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(206.2650, 58.6890,
-11.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC679
RGB	255, 198, 121
RGB Percent	100%, 78%, 47%
CMY	0.0000, 0.2236, 0.5252
CMYK	0.00, 0.22, 0.53, 0.00
HSL	34°, 100%, 74%
HSV	34°, 53%, 100%
XYZ	64.8843, 63.0194, 26.8573
YIQ	206.2650, 58.6890, -11.8630

Conversions

Conversions Part 2

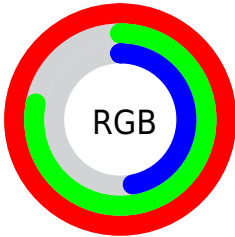
Format	Color
R _Y B	220, 255, 121
Decimal	16762489
CIE Lab	83.45, 11.58, 46.04
CIE LCh	83, 47.475, 75.883
Yxy	63.0194, 0.4193, 0.4072
Android (android.graphics.Color)	4294952569 (0xFFFFC679)
YUV	206.2650, -42.0356, 42.7406
Hunter-Lab	79.3848, 6.9718, 35.5104

Details

The YIQ color **206.2650, 58.6890, -11.8630** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **169.7350, -58.6890, 11.8630**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **245.8800, 25.6800, -24.8800**, and **150.8130, 54.1500, -12.2020** is the 20% darker color. If you saturate the color by 10%, you get **196.9580, 69.7390, -13.8850**, and if you desaturate by 10%, it is **215.6860, 47.3180, -9.5300**.

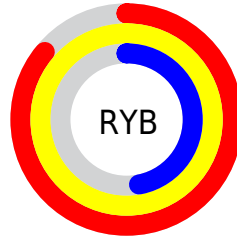
Distribution



Red (100%)

Green (78%)

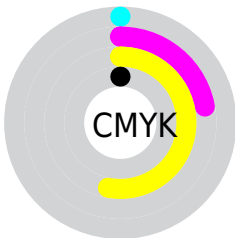
Blue (47%)



Red (86%)

Yellow (100%)

Blue (47%)

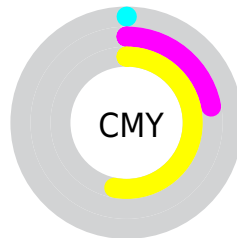


Cyan (0%)

Magenta (22%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.2650, 58.6890, -11.8630 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 206.2650, 58.6890, -11.8630 by changing the saturation by 10% instead.


 206.2650, 58.6890,
-11.8630


 206.2650, 58.6890,
-11.8630


255.0000, -0.0000,
-0.0000

 178.4820, 56.5800,
-12.1880


 245.8800, 25.6800,
-24.8800


 150.8130, 54.1500,
-12.2020


 249.0720, 16.6920,
-16.1720

 124.6170, 51.7660,
-13.0500

 252.2640, 7.7040,
-7.4640

 98.6060, 50.2990,
-13.9970

 73.9800, 46.3100,
-13.2900

 52.9930, 36.2680,
-7.5080

 32.8920, 26.5470,

-2.0370

■ 11.6280, 18.8430,
5.4270

■ 0.0000, 0.0000,
0.0000

■ 206.2650, 58.6890,
-11.8630

■ 206.2650, 58.6890,
-11.8630

■ 196.9580, 69.7390,
-13.8850

■ 215.6860, 47.3180,
-9.5300

■ 187.5370, 81.1100,
-16.2180

■ 224.9930, 36.2680,
-7.5080

■ 178.2300, 92.1600,
-18.2400

■ 234.4140, 24.8970,
-5.1750

■ 169.3960,
103.2560, -21.0960

■ 243.1340, 14.1220,
-2.6300

161.9470,
111.8300, -22.2980

252.5550, 2.7510,
-0.2970

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.



200.3100, 54.7890, 3.7570



206.2650, 58.6890, -11.8630



202.3980, 29.8530, -28.9230

Triad

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



206.2650, 58.6890, -11.8630



162.5180, -137.9510, -49.4950



212.0830, 11.2730, 32.4970

Complementary

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



206.2650, 58.6890, -11.8630



169.7350, -58.6890, 11.8630

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.



202.9370, -30.0790, 10.9850



206.2650, 58.6890, -11.8630



162.9060, -144.5550, -39.9390

Square

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



206.2650, 58.6890, -11.8630



186.8970, -61.2470, -40.9190



186.9250, -83.6720, -14.4560



205.3040, 29.7040, 34.3760

Rectangle

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



206.2650, 58.6890, -11.8630



198.8230, 3.4910, -35.7490



186.9250, -83.6720, -14.4560



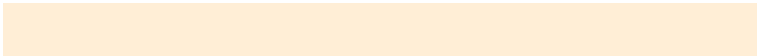
209.3370, -1.4260, 25.8540

Sweetspot

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



206.2650, 58.6890, -11.8630



240.3470, 17.8360, -3.8600



167.6780, 61.2460, 46.4460



118.6930, 11.0500, -2.0220



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.



206.2650, 58.6890, -11.8630



196.7300, 70.3810, -14.5070



237.0330, 37.6500, -43.5820



122.9960, 5.8230, -0.9050



121.6790, 83.5860, -17.0380



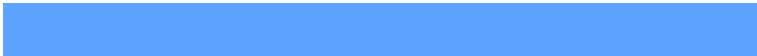
40.8550, 27.9690, -5.7830

Inverse Universe

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



169.7350, -58.6890, 11.8630



152.8570, -70.6560, 13.9840



138.9670, -37.6500, 43.5820



119.4170, -5.5480, 1.4280



69.3210, -83.5860, 17.0380



23.1450, -27.9690, 5.7830

Previews

White Background



This preview shows how the YIQ color 206.2650, 58.6890, -11.8630 looks on a white background.

Color Contrast Check

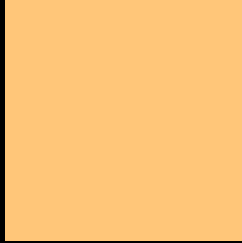
Large Text (above 18pt) WCAG AA × Fail

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 206.2650, 58.6890, -11.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

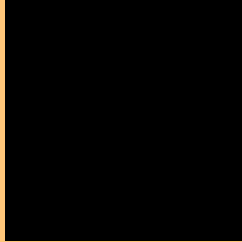
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.2650, 58.6890, -11.8630

Background



This preview shows how black text looks on a background with the YIQ color 206.2650, 58.6890, -11.8630.



This preview shows how white text looks on a background with the YIQ color 206.2650, 58.6890,

-11.8630.

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

206.2650, 58.6890, -11.8630

Protanopia

204.5180, 38.5630, -21.5730

Deuteranopia

206.2540, 57.2220, -12.8100



Tritanopia

211.5040, 34.2920, 17.3000

Trichromacy



Original Color

206.2650, 58.6890, -11.8630

Protanomaly

205.0460, 45.9440, -17.6720

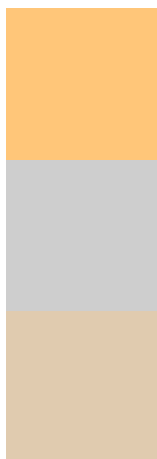
Deuteranomaly

206.5530, 57.8180, -12.5980

Tritanomaly

209.8450, 43.0970, 6.4010

Monochromacy



Original Color

206.2650, 58.6890, -11.8630

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0870, 21.5040, -4.2560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.2650, 58.6890, -11.8630 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, 198, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 121)  
}
```

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, 198, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 121) }
```

Border

The CSS property to change the border of an element to YIQ 206.2650, 58.6890, -11.8630 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, 198, 121) }
```


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

```
.border{ border-color:rgb(255, 198, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 198, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 198, 121); box-shadow:4px 4px 4px 4px rgb(255, 198, 121) }
```

Background

The CSS property to change the background color of an element to YIQ 206.2650, 58.6890, -11.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 121) }
```

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

```
.background{ background-color: rgb(255,  
198, 121) }
```

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