

Converting Colors

YIQ(206.8860, 61.0740,
-16.5420)

Have a look what the booklet for
YIQ(206.8860, 61.0740, -16.5420)
contains.

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Color

**YIQ(206.8860, 61.0740,
-16.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC96F
RGB	255, 201, 111
RGB Percent	100%, 79%, 44%
CMY	0.0000, 0.2118, 0.5644
CMYK	0.00, 0.21, 0.56, 0.00
HSL	37°, 100%, 72%
HSV	37°, 56%, 100%
XYZ	64.9949, 64.1720, 24.0228
YIQ	206.8860, 61.0740, -16.5420

Conversions

Conversions Part 2

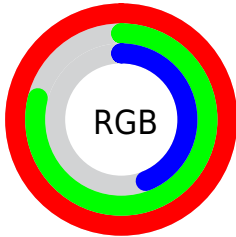
Format	Color
R_{YB}	197, 255, 111
Decimal	16763247
CIE Lab	84.06, 9.23, 51.66
CIE LCh	84, 52.476, 79.868
Yxy	64.1720, 0.4243, 0.4189
Android (android.graphics.Color)	4294953327 (0xFFFFC96F)
YUV	206.8860, -47.2718, 42.1960
Hunter-Lab	80.1075, 4.6374, 38.2952

Details

The YIQ color $206.8860, 61.0740, -16.5420$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $159.1140, -61.0740, 16.5420$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $244.7400, 28.8900, -27.9900$, and $151.3200, 56.8560, -17.1920$ is the 20% darker color. If you saturate the color by 10%, you get $198.1660, 71.8490, -19.0870$, and if you desaturate by 10%, it is $215.7200, 49.9780, -13.6860$.

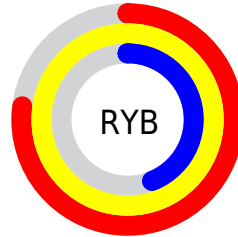
Distribution



Red (100%)

Green (79%)

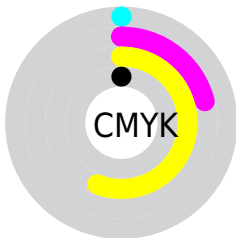
Blue (44%)



Red (77%)

Yellow (100%)

Blue (44%)

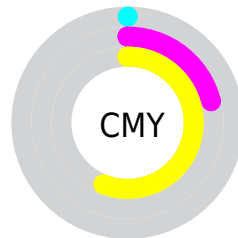


Cyan (0%)

Magenta (21%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.8860, 61.0740, -16.5420 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 206.8860, 61.0740, -16.5420 by changing the saturation by 10% instead.

206.8860, 61.0740,
-16.5420

206.8860, 61.0740,
-16.5420

255.0000, -0.0000,
-0.0000

179.1030, 58.9650,
-16.8670

244.7400, 28.8900,
-27.9900

151.4340, 56.5350,
-16.8810

247.9320, 19.9020,
-19.2820

125.0100, 54.7930,
-18.3510

251.1240, 10.9140,
-10.5740

97.9020, 54.9770,
-21.6870

254.4300, 1.6050,
-1.5550

75.7410, 45.4850,
-14.8590

54.4550, 34.8470,
-9.2890

34.3540, 25.1260,

-3.8180

■ 13.6770, 17.1470,
3.1230

■ 0.0000, 0.0000,
0.0000

■ 206.8860, 61.0740,
-16.5420

■ 206.8860, 61.0740,
-16.5420

■ 198.1660, 71.8490,
-19.0870

■ 215.7200, 49.9780,
-13.6860

■ 189.9190, 82.6700,
-22.4660

■ 223.8530, 39.4780,
-10.6180

■ 181.1990, 93.4450,
-25.0110

■ 232.6870, 28.3820,
-7.7620

■ 172.9520,
104.2660, -28.3900

■ 240.8200, 17.8820,
-4.6940

169.5780,
108.2550, -29.0970

249.6540, 6.7860,
-1.8380

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.



199.1700, 57.9990, 0.6470



206.8860, 61.0740, -16.5420



202.5670, 27.6990, -33.9410

Triad

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



206.8860, 61.0740, -16.5420



165.5330, -142.3070, -47.6430



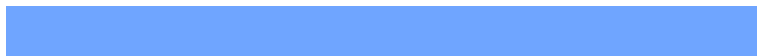
213.3230, 19.5250, 37.1330

Complementary

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



206.8860, 61.0740, -16.5420



159.1140, -61.0740, 16.5420

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.



204.4430, -25.6320, 12.9920



206.8860, 61.0740, -16.5420



164.6670, -145.3800, -41.5080

Square

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



206.8860, 61.0740, -16.5420



180.9590, -82.1530, -47.5050



185.1200, -88.7150, -16.6750



202.7280, 31.4460, 35.8460

Rectangle

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



206.8860, 61.0740, -16.5420



198.1380, -2.0100, -40.6820



185.1200, -88.7150, -16.6750



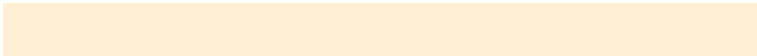
211.1640, 6.5510, 29.9670

Sweetspot

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



206.8860, 61.0740, -16.5420



240.7060, 18.2030, -5.0050



160.3260, 68.1690, 47.6330



119.1660, 11.0960, -2.8560



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.



206.8860, 61.0740, -16.5420



197.1230, 73.4080, -19.8080



233.5010, 36.0920, -48.3880



123.5830, 5.5480, -1.4280



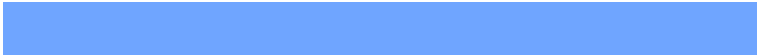
126.9620, 81.1110, -21.7450



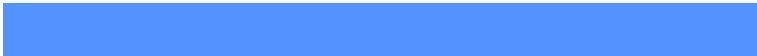
42.6160, 27.1440, -7.3520

Inverse Universe

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



159.1140, -61.0740, 16.5420



139.8770, -73.4080, 19.8080



132.4990, -36.0920, 48.3880



119.4170, -5.5480, 1.4280



64.0380, -81.1110, 21.7450



21.3840, -27.1440, 7.3520

Previews

White Background



This preview shows how the YIQ color 206.8860, 61.0740, -16.5420 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 206.8860, 61.0740, -16.5420 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 206.8860, 61.0740, -16.5420

Background



This preview shows how black text looks on a background with the YIQ color 206.8860, 61.0740, -16.5420.



This preview shows how white text looks on a background with the YIQ color 206.8860, 61.0740, -16.5420.

-16.5420.

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

206.8860, 61.0740, -16.5420

Protanopia

205.3350, 43.3320, -25.4040

Deuteranopia

207.7980, 58.5060, -14.0540



Tritanopia

213.6070, 32.5040, 16.6640

Trichromacy



Original Color

206.8860, 61.0740, -16.5420

Protanomaly

206.1510, 49.8420, -22.2380

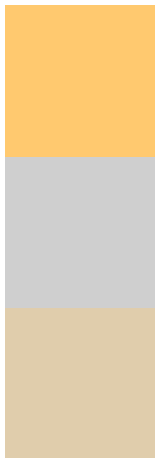
Deuteranomaly

207.4560, 59.4690, -14.9870

Tritanomaly

211.3780, 42.9140, 4.2100

Monochromacy



Original Color

206.8860, 61.0740, -16.5420

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.9190, 21.9170, -6.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.8860, 61.0740, -16.5420 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, 201, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 111)  
}
```

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, 201, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 111) }
```

Border

The CSS property to change the border of an element to YIQ 206.8860, 61.0740, -16.5420 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, 201, 111) }
```


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

```
.border{ border-color:rgb(255, 201, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 206.8860, 61.0740, -16.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 111) }
```

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

```
.background{ background-color: rgb(255,  
201, 111) }
```

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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