

Converting Colors

YIQ(209.5140, 61.5810,
-31.2430)

Have a look what the booklet for
YIQ(209.5140, 61.5810, -31.2430)
contains.

YIQ(209.5140, 61.5810, -31.2430)	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(209.5140, 61.5810,
-31.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D558
RGB	249, 213, 88
RGB Percent	98%, 84%, 35%
CMY	0.0235, 0.1647, 0.6545
CMYK	0.00, 0.14, 0.65, 0.02
HSL	47°, 93%, 66%
HSV	47°, 65%, 98%
XYZ	64.6231, 68.4268, 19.0531
YIQ	209.5140, 61.5810, -31.2430

Conversions

Conversions Part 2

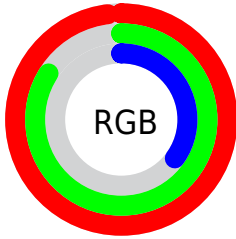
Format	Color
RYB	134, 249, 88
Decimal	16373080
CIELab	86.22, -0.94, 64.37
CIELCh	86, 64.381, 90.835
Yxy	68.4268, 0.4249, 0.4499
Android (android.graphics.Color)	4294563160 (0xFFFF9D558)
YUV	209.5140, -59.9064, 34.6292
Hunter-Lab	82.7205, -5.3129, 44.2480

Details

The YIQ color **209.5140, 61.5810, -31.2430** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **127.4860, -61.5810, 31.2430**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2320, 35.9520, -34.8320**, and **153.1500, 59.6100, -34.0700** is the 20% darker color. If you saturate the color by 10%, you get **203.1420, 71.2560, -35.8800**, and if you desaturate by 10%, it is **215.8860, 51.9060, -26.6060**.

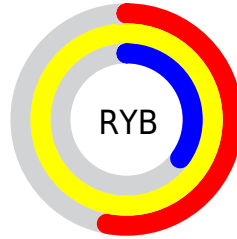
Distribution



Red (98%)

Green (84%)

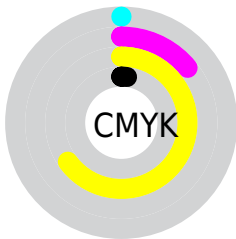
Blue (35%)



Red (53%)

Yellow (98%)

Blue (35%)

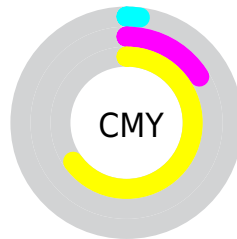


Cyan (0%)

Magenta (14%)

Yellow (65%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.5140, 61.5810, -31.2430 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 209.5140, 61.5810, -31.2430 by changing the saturation by 10% instead.


 209.5140, 61.5810,
-31.2430


 209.5140, 61.5810,
-31.2430


255.0000, -0.0000,
-0.0000


 180.9160, 60.3890,
-31.6670

 242.2320, 35.9520,
-34.8320

 153.2640, 59.2890,
-33.7590


 245.4240, 26.9640,
-26.1240


 125.9110, 58.7850,
-35.6390

 248.6160, 17.9760,
-17.4160

 102.5650, 48.3760,
-28.7120

 251.9220, 8.6670,
-8.3970

 80.4040, 38.8840,
-21.8840

 58.5310, 28.5210,
-15.7910

 38.4300, 18.8000,

-10.3200

■ 19.2150, 9.4000,
-5.1600

■ 0.0000, 0.0000,
0.0000

■ 209.5140, 61.5810,
-31.2430

■ 209.5140, 61.5810,
-31.2430

■ 203.1420, 71.2560,
-35.8800

■ 215.8860, 51.9060,
-26.6060

■ 197.3570, 80.6560,
-41.0400

■ 221.6710, 42.5060,
-21.4460

■ 190.9850, 90.3310,
-45.6770

■ 228.0430, 32.8310,
-16.8090

■ 187.7420, 95.3290,
-48.1510

■ 233.8280, 23.4310,
-11.6490

■ 240.2000, 13.7560,
-7.0120

■ 245.8710, 4.6770,
-2.1630

■ 251.4450, -2.7510,
0.2970

■ 253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



200.7880, 64.4660, -11.9340



209.5140, 61.5810, -31.2430



203.0070, 14.1760, -47.6800

Triad

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



209.5140, 61.5810, -31.2430



172.8850, -149.2300, -48.8300



208.0400, 22.0000, 41.8400

Complementary

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



209.5140, 61.5810, -31.2430



127.4860, -61.5810, 31.2430

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.



211.9620, -4.8640, 22.0800



209.5140, 61.5810, -31.2430



168.1890, -147.0300, -44.6460

Square

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



209.5140, 61.5810, -31.2430



169.0260, -136.9860, -61.4820



188.9850, -83.9010, -15.8130



196.5500, 37.8190, 35.9870

Rectangle

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



209.5140, 61.5810, -31.2430



196.0590, -27.1330, -53.4450



188.9850, -83.9010, -15.8130



212.7360, 19.8000, 37.6560

Sweetspot

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



209.5140, 61.5810, -31.2430



243.0710, 18.4330, -9.1750



140.4710, 83.7580, 45.9500



120.4710, 11.5550, -5.6690



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.



209.5140, 61.5810, -31.2430



205.8990, 76.2540, -38.3540



217.7890, 26.0530, -59.1870



121.7570, 4.9980, -2.4740



142.2130, 72.4940, -36.2900



46.4150, 23.1560, -12.1720

Inverse Universe

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



127.4860, -61.5810, 31.2430



105.1010, -76.2540, 38.3540



119.2110, -26.0530, 59.1870



115.2430, -4.9980, 2.4740



46.2000, -72.2190, 36.8130



15.1720, -23.4310, 11.6490

Previews

White Background



This preview shows how the YIQ color 209.5140, 61.5810, -31.2430 looks on a white background.

Color Contrast Check

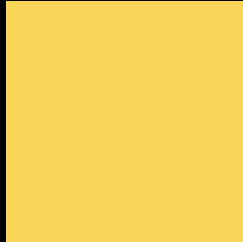
Large Text (above 18pt) WCAG AA × Fail

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 209.5140, 61.5810, -31.2430 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 209.5140, 61.5810, -31.2430

Background



This preview shows how black text looks on a background with the YIQ color 209.5140, 61.5810, -31.2430.



This preview shows how white text looks on a background with the YIQ color 209.5140, 61.5810,

-31.2430.

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

209.5140, 61.5810, -31.2430

Protanopia

208.6980, 55.0710, -34.4090

Deuteranopia

214.1870, 50.1610, -11.4950



Tritanopia

219.3290, 27.4150, 15.2790

Trichromacy



Original Color

209.5140, 61.5810, -31.2430

Protanomaly

209.0080, 57.1340, -33.2500

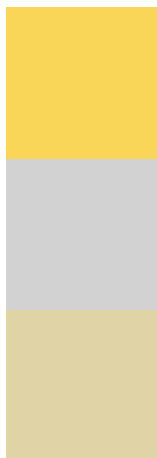
Deuteranomaly

212.5970, 54.5180, -18.8740

Tritanomaly

215.8350, 39.8890, -1.5430

Monochromacy



Original Color

209.5140, 61.5810, -31.2430

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7570, 22.1930, -11.2390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.5140, 61.5810, -31.2430 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(249, 213, 88)` looks like.

```
.text, #text, p{  
    color:rgb(249, 213, 88)  
}
```

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(249, 213, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 213, 88) }
```

Border

The CSS property to change the border of an element to YIQ 209.5140, 61.5810, -31.2430 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(249, 213, 88) }
```


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

```
.border{ border-color:rgb(249, 213, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 213, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 213, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 213, 88);  
box-shadow:4px 4px 4px 4px rgb(249, 213,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 209.5140, 61.5810, -31.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 213, 88) }
```

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

```
.background{ background-color: rgb(249,  
213, 88) }
```

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