

Converting Colors

YIQ(206.6810, 60.6270,
-80.0530)

Have a look what the booklet for
YIQ(206.6810, 60.6270, -80.0530)
contains.

YIQ(206.6810, 60.6270, -80.0530)	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(206.6810, 60.6270,
-80.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F203
RGB	215, 242, 3
RGB Percent	84%, 95%, 1%
CMY	0.1571, 0.0509, 0.9877
CMYK	0.11, 0.00, 0.99, 0.05
HSL	67°, 97%, 48%
HSV	67°, 99%, 95%
XYZ	59.7807, 77.9563, 11.9856
YIQ	206.6810, 60.6270, -80.0530

Conversions

Conversions Part 2

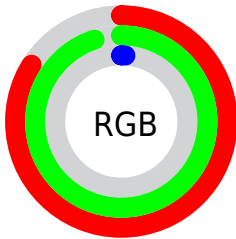
Format	Color
R _Y B	3, 242, 30
Decimal	14152195
CIE Lab	90.76, -31.78, 88.22
CIE LCh	91, 93.767, 109.810
Yxy	77.9563, 0.3993, 0.5207
Android (android.graphics.Color)	4292342275 (0xFFD7F203)
YUV	206.6810, -100.4147, 7.2958
Hunter-Lab	88.2929, -33.6549, 53.7565

Details

The YIQ color **206.6810, 60.6270, -80.0530** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **38.3190, -60.6270, 80.0530**, and the grayscale version is **208.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.5320, 52.0020, -50.3820**, and **155.5270, 41.2300, -64.4180** is the 20% darker color. If you saturate the color by 10%, you get **206.3390, 61.5900, -80.9860**, and if you desaturate by 10%, it is **210.3140, 54.7110, -71.9530**.

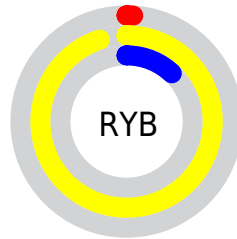
Distribution



Red (84%)

Green (95%)

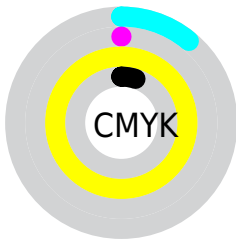
Blue (1%)



Red (1%)

Yellow (95%)

Blue (12%)

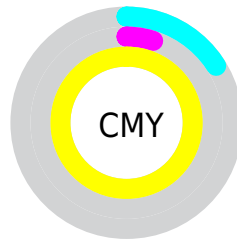


Cyan (11%)

Magenta (0%)

Yellow (99%)

Black (5%)



Cyan (16%)

Magenta (5%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6810, 60.6270, -80.0530 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 206.6810, 60.6270, -80.0530 by changing the saturation by 10% instead.

206.6810, 60.6270,
-80.0530

206.6810, 60.6270,
-80.0530

255.0000, -0.0000,
-0.0000

180.9330, 51.4100,
-72.7020

236.5320, 52.0020,
-50.3820

155.5270, 41.2300,
-64.4180

240.0660, 42.0510,
-40.7410

131.0070, 31.3710,
-56.4450

243.4860, 32.4210,
-31.4110

107.0740, 21.2370,
-48.9950

246.9060, 22.7910,
-22.0810

83.7280, 10.8280,
-42.0680

250.3260, 13.1610,
-12.7510

60.3820, 0.4190,
-35.1410

253.7460, 3.5310,

36.4160, -14.1160,

-3.4210

-30.5320

■ 22.3060, -10.4500,
-19.8740

■ 2.9350, -1.3750,
-2.6150

■ 206.6810, 60.6270,
-80.0530

■ 206.6810, 60.6270,
-80.0530

■ 206.3390, 61.5900,
-80.9860

■ 210.3140, 54.7110,
-71.9530

■ 213.7620, 47.8780,
-63.7540

■ 217.3950, 41.9620,
-55.6540

■ 221.0280, 36.0460,
-47.5540

■ 224.6610, 30.1300,
-39.4540

■ 227.9950, 23.6180,
-31.5660

■ 231.7420, 17.3810,
-23.1550

■ 235.3750, 11.4650,
-15.0550

■ 239.0080, 5.5490,
-6.9550

Harmonies

Analogous

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



201.2760, 93.4050, -57.3390



206.6810, 60.6270, -80.0530



190.5440, -45.6970, -80.4570

Triad

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



206.6810, 60.6270, -80.0530



178.7550, -151.9800, -54.0600



188.0820, 31.3500, 59.6220

Complementary

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



206.6810, 60.6270, -80.0530



38.3190, -60.6270, 80.0530

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.



209.2140, 21.4500, 40.7940



206.6810, 60.6270, -80.0530



174.6460, -150.0550, -50.3990

Square

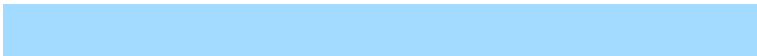
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.6810, 60.6270, -80.0530



178.7550, -151.9800, -54.0600



205.7730, -44.6570, -0.1530



178.7340, 57.6720, 34.1200

Rectangle

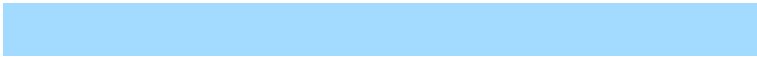
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.6810, 60.6270, -80.0530



168.2670, -122.4480, -82.6720



205.7730, -44.6570, -0.1530



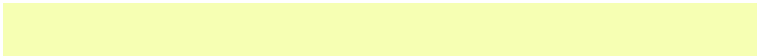
193.3650, 28.8750, 54.9150

Sweetspot

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



206.6810, 60.6270, -80.0530



243.6450, 19.0320, -25.5440



88.5490, 135.8440, 38.1160



120.9620, 11.1900, -15.5780



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.



206.6810, 60.6270, -80.0530



217.2590, 64.5710, -85.4530



171.9970, -8.5090, -104.6450



118.0340, 2.6600, -4.1560



156.7450, 46.5480, -61.6760



47.8220, 14.4000, -18.6880

Inverse Universe

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



38.3190, -60.6270, 80.0530



37.7410, -64.5710, 85.4530



73.0030, 8.5090, 104.6450



109.6670, -3.2560, 3.9440



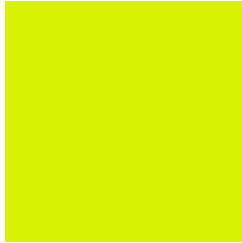
27.2550, -46.5480, 61.6760



8.1780, -14.4000, 18.6880

Previews

White Background



This preview shows how the YIQ color 206.6810, 60.6270, -80.0530 looks on a white background.

Color Contrast Check

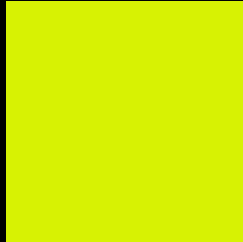
Large Text (above 18pt) WCAG AA × Fail

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 206.6810, 60.6270, -80.0530 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 206.6810, 60.6270, -80.0530

Background



This preview shows how black text looks on a background with the YIQ color 206.6810, 60.6270, -80.0530.



This preview shows how white text looks on a background with the YIQ color 206.6810, 60.6270, -80.0530.

-80.0530.

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

206.6810, 60.6270, -80.0530

Protanopia

219.1040, 65.2510, -42.6930

Deuteranopia

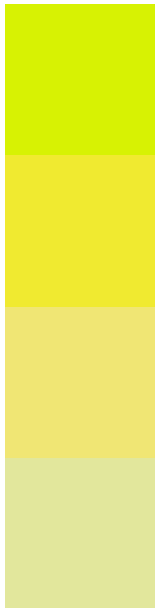
227.6660, 32.8750, -6.5890



Tritanopia

229.4440, -1.0100, 7.2940

Trichromacy



Original Color

206.6810, 60.6270, -80.0530

Protanomaly

214.5900, 63.2820, -56.5740

Deuteranomaly

219.9940, 42.5540, -33.3340

Tritanomaly

220.9550, 21.0950, -24.3850

Monochromacy



Original Color

206.6810, 60.6270, -80.0530

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.0920, 21.9670, -29.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6810, 60.6270, -80.0530 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(215, 242, 3)` looks like.

```
.text, #text, p{  
    color:rgb(215, 242, 3)  
}
```

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(215, 242, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 242, 3) }
```

Border

The CSS property to change the border of an element to YIQ 206.6810, 60.6270, -80.0530 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(215, 242, 3) }
```


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

```
.border{ border-color:rgb(215, 242, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 242, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 242, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 242, 3);  
box-shadow:4px 4px 4px 4px rgb(215, 242,  
3) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6810, 60.6270, -80.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 242, 3) }
```

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

```
.background{ background-color: rgb(215,  
242, 3) }
```

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