

Converting Colors

YIQ(201.0690, 44.8550,
-80.5610)

Have a look what the booklet for
YIQ(201.0690, 44.8550, -80.5610)
contains.

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Color

**YIQ(201.0690, 44.8550,
-80.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F10E
RGB	194, 241, 14
RGB Percent	76%, 95%, 5%
CMY	0.2395, 0.0548, 0.9446
CMYK	0.20, 0.00, 0.94, 0.05
HSL	72°, 89%, 50%
HSV	72°, 94%, 95%
XYZ	53.7724, 74.4147, 11.9480
YIQ	201.0690, 44.8550, -80.5610

Conversions

Conversions Part 2

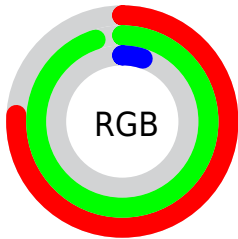
Format	Color
R _Y B	14, 241, 61
Decimal	12775694
CIE Lab	89.12, -39.56, 85.49
CIE LCh	89, 94.198, 114.834
Yxy	74.4147, 0.3837, 0.5310
Android (android.graphics.Color)	4290965774 (0xFFC2F10E)
YUV	201.0690, -92.2250, -6.1995
Hunter-Lab	86.2639, -39.6944, 52.1728

Details

The YIQ color **201.0690, 44.8550, -80.5610** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light saturated yellow. A complement of this color would be **53.9310, -44.8550, 80.5610**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7600, 51.3600, -49.7600**, and **148.9600, 29.5850, -68.1350** is the 20% darker color. If you saturate the color by 10%, you get **198.5760, 47.5610, -85.5510**, and if you desaturate by 10%, it is **205.3000, 40.1310, -72.0370**.

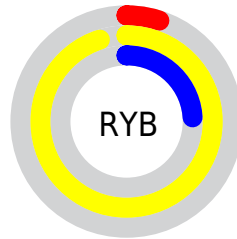
Distribution



Red (76%)

Green (95%)

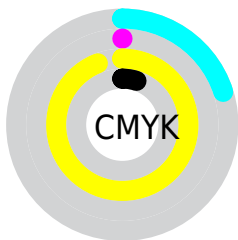
Blue (5%)



Red (5%)

Yellow (95%)

Blue (24%)

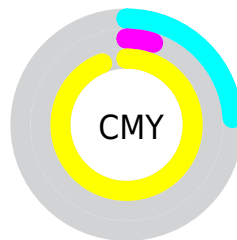


Cyan (20%)

Magenta (0%)

Yellow (94%)

Black (5%)



Cyan (24%)


Magenta (5%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.0690, 44.8550, -80.5610 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 201.0690, 44.8550, -80.5610 by changing the saturation by 10% instead.


 201.0690, 44.8550,
-80.5610


 201.0690, 44.8550,
-80.5610


255.0000, -0.0000,
-0.0000


 174.0670, 39.1690,
-76.6310


 236.7600, 51.3600,
-49.7600


 148.9600, 29.5850,
-68.1350


 240.1800, 41.7300,
-40.4300


 124.1410, 19.1300,
-60.3740


 243.6000, 32.1000,
-31.1000

 99.9200, 9.8670,
-52.1890

 247.0200, 22.4700,
-21.7700

 75.6770, -2.3300,
-45.8980

 250.4400, 12.8400,
-12.4400

 48.7430, -19.8910,
-41.5150

 253.8600, 3.2100,

 34.0460, -15.9500,

-3.1100

-30.3340

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,
0.0000

■ 201.0690, 44.8550,
-80.5610

■ 201.0690, 44.8550,
-80.5610

■ 198.5760, 47.5610,
-85.5510

■ 205.3000, 40.1310,
-72.0370

■ 209.5310, 35.4070,
-63.5130

■ 213.7620, 30.6830,
-54.9890

■ 218.1070, 25.6380,
-46.1540

■ 222.3380, 20.9140,
-37.6300

■ 226.5690, 16.1900,
-29.1060

■ 230.8000, 11.4660,
-20.5820

■ 235.0310, 6.7420,
-12.0580

■ 239.2620, 2.0180,
-3.5340

Harmonies

Analogous

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



201.8630, 93.1300, -57.8620



201.0690, 44.8550, -80.5610



176.6200, -78.3860, -88.2580

Triad

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



201.0690, 44.8550, -80.5610



178.7550, -151.9800, -54.0600



181.4310, 37.6770, 60.5970

Complementary

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



201.0690, 44.8550, -80.5610



53.9310, -44.8550, 80.5610

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.



201.5830, 25.0250, 47.5930



201.0690, 44.8550, -80.5610



169.3630, -147.5800, -45.6920

Square

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



201.0690, 44.8550, -80.5610



178.7550, -151.9800, -54.0600



207.3890, -25.5400, 11.3240



175.9810, 64.0460, 28.7340

Rectangle

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



201.0690, 44.8550, -80.5610



169.5210, -125.9790, -79.2510



207.3890, -25.5400, 11.3240



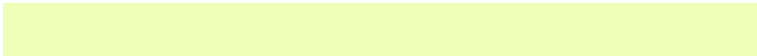
186.9080, 31.9000, 60.6680

Sweetspot

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



201.0690, 44.8550, -80.5610



242.4210, 13.8510, -25.2610



108.2880, 122.9170, 24.5890



120.2930, 8.7600, -15.5920



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.



201.0690, 44.8550, -80.5610



210.0830, 50.2670, -90.5410



167.5810, -21.8970, -104.3050



117.7350, 2.0640, -4.3680



151.3630, 35.8200, -65.4920



46.0280, 10.8240, -19.9600

Inverse Universe

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



53.9310, -44.8550, 80.5610



44.9170, -50.2670, 90.5410



87.4190, 21.8970, 104.3050



109.9660, -2.6600, 4.1560



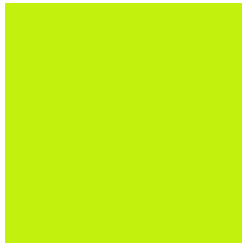
32.3380, -36.4160, 65.2800



9.9720, -10.8240, 19.9600

Previews

White Background



This preview shows how the YIQ color 201.0690, 44.8550, -80.5610 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 201.0690, 44.8550, -80.5610 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 201.0690, 44.8550, -80.5610

Background



This preview shows how black text looks on a background with the YIQ color 201.0690, 44.8550, -80.5610.



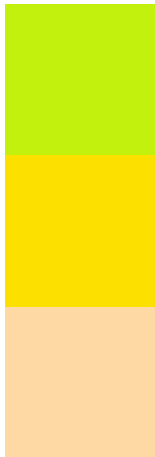
This preview shows how white text looks on a background with the YIQ color 201.0690, 44.8550,

-80.5610.

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

201.0690, 44.8550, -80.5610

Protanopia

206.8360, 88.5920, -63.7280

Deuteranopia

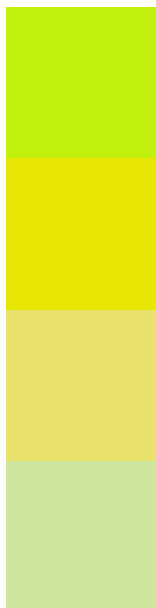
222.2060, 39.9820, -8.7380



Tritanopia

223.0620, -11.7380, 3.4780

Trichromacy



Original Color

201.0690, 44.8550, -80.5610

Protanomaly

204.6490, 72.8210, -69.7630

Deuteranomaly

214.7550, 41.7290, -34.9030

Tritanomaly

215.0290, 9.0830, -26.9570

Monochromacy



Original Color

201.0690, 44.8550, -80.5610

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.1560, 15.9150, -29.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0690, 44.8550, -80.5610 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(194, 241, 14)` looks like.

```
.text, #text, p{  
    color:rgb(194, 241, 14)  
}
```

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(194, 241, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 241, 14) }
```

Border

The CSS property to change the border of an element to YIQ 201.0690, 44.8550, -80.5610 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(194, 241, 14) }
```


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

```
.border{ border-color:rgb(194, 241, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 241, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 241, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 241, 14);  
box-shadow:4px 4px 4px 4px rgb(194, 241,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0690, 44.8550, -80.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 241, 14) }
```

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

```
.background{ background-color: rgb(194,  
241, 14) }
```

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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