

Converting Colors

YIQ(205.1050, 18.8110,
-71.1170)

Have a look what the booklet for
YIQ(205.1050, 18.8110, -71.1170)
contains.

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Color

**YIQ(205.1050, 18.8110,
-71.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	B3F63F
RGB	179, 246, 63
RGB Percent	70%, 96%, 25%
CMY	0.2983, 0.0352, 0.7527
CMYK	0.27, 0.00, 0.74, 0.04
HSL	82°, 91%, 61%
HSV	82°, 74%, 96%
XYZ	52.4372, 75.8633, 16.5901
YIQ	205.1050, 18.8110, -71.1170

Conversions

Conversions Part 2

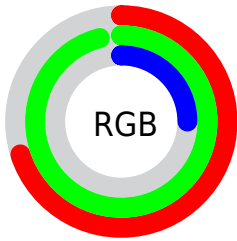
Format	Color
RYB	63, 246, 130
Decimal	11793983
CIELab	89.80, -45.93, 75.58
CIELCh	90, 88.448, 121.288
Yxy	75.8633, 0.3619, 0.5236
Android (android.graphics.Color)	4289984063 (0xFFB3F63F)
YUV	205.1050, -70.0578, -22.8941
Hunter-Lab	87.0995, -44.9604, 49.6766

Details

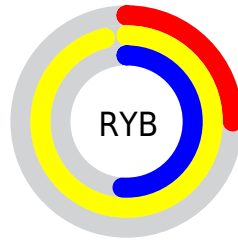
The YIQ color **205.1050, 18.8110, -71.1170** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **103.8950, -18.8110, 71.1170**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.1680, 32.8360, -44.4440**, and **147.1220, 20.1410, -73.1950** is the 20% darker color. If you saturate the color by 10%, you get **199.5640, 21.4720, -80.8000**, and if you desaturate by 10%, it is **210.6460, 16.1500, -61.4340**.

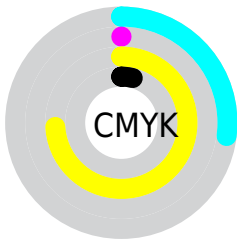
Distribution



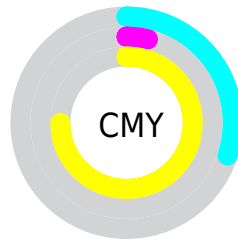
- Red (70%)
- Green (96%)
- Blue (25%)



- Red (25%)
- Yellow (96%)
- Blue (51%)



- Cyan (27%)
- Magenta (0%)
- Yellow (74%)
- Black (4%)



- Cyan (30%)
- Magenta (4%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.1050, 18.8110, -71.1170 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 205.1050, 18.8110, -71.1170 by changing the saturation by 10% instead.

■ 205.1050, 18.8110,
-71.1170

■ 205.1050, 18.8110,
-71.1170

■ 255.0000, -0.0000,
-0.0000

■ 175.0790, 21.7000,
-73.9160

■ 235.1680, 32.8360,
-44.4440

■ 146.8230, 19.5450,
-73.4070

■ 243.2580, 33.0630,
-32.0330

■ 122.3030, 9.6860,
-65.4340

■ 246.5640, 23.7540,
-23.0140

■ 97.4840, -0.7690,
-57.6730

■ 249.8700, 14.4450,
-13.9950

■ 72.3440, -14.7540,
-52.0180

■ 253.2900, 4.8150,
-4.6650

■ 49.8950, -23.3750,
-44.4550

■ 35.2200, -16.5000,

-31.3800

■ 22.8930, -10.7250,
-20.3970

■ 0.0000, 0.0000,
0.0000

■ 205.1050, 18.8110,
-71.1170

■ 205.1050, 18.8110,
-71.1170

■ 199.5640, 21.4720,
-80.8000

■ 210.6460, 16.1500,
-61.4340

■ 194.1370, 23.8120,
-90.1720

■ 216.0730, 13.8100,
-52.0620

■ 191.0460, 25.3260,
-95.5860

■ 221.6140, 11.1490,
-42.3790

■ 227.0410, 8.8090,
-33.0070

■ 232.5820, 6.1480,
-23.3240

■ 238.1230, 3.4870,
-13.6410

■ 243.5500, 1.1470,
-4.2690

■ 248.5210, 0.0910,
3.8590

■ 249.7170, 2.4750,
4.7070

Harmonies

Analogous

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



208.7420, 86.1610, -58.2150



205.1050, 18.8110, -71.1170



165.6450, -115.0650, -89.8250

Triad

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



205.1050, 18.8110, -71.1170



178.7550, -151.9800, -54.0600



184.7760, 40.6590, 50.6030

Complementary

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



205.1050, 18.8110, -71.1170



103.8950, -18.8110, 71.1170

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.



200.9960, 25.3000, 48.1160



205.1050, 18.8110, -71.1170



167.0150, -146.4800, -43.6000

Square

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



205.1050, 18.8110, -71.1170



178.7550, -151.9800, -54.0600



216.1150, -0.9210, 22.2070



184.1190, 63.1770, 16.9450

Rectangle

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



205.1050, 18.8110, -71.1170



172.1430, -133.3620, -72.0980



216.1150, -0.9210, 22.2070



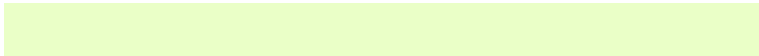
190.3160, 30.5710, 57.2190

Sweetspot

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



205.1050, 18.8110, -71.1170



242.3370, 5.4600, -21.8680



157.0460, 90.6430, 3.7550



120.2370, 3.1660, -13.3300



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.



205.1050, 18.8110, -71.1170



204.3050, 23.3990, -88.1930



177.5970, -36.0210, -90.6210



119.4360, 1.4680, -4.5800



144.4640, 19.1780, -72.2620



45.6960, 5.8270, -23.0130

Inverse Universe

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



103.8950, -18.8110, 71.1170



78.6950, -23.3990, 88.1930



131.4030, 36.0210, 90.6210



112.8630, -0.8720, 4.7920



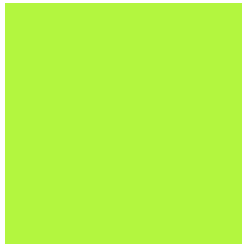
41.5360, -19.1780, 72.2620



13.3040, -5.8270, 23.0130

Previews

White Background



This preview shows how the YIQ color 205.1050, 18.8110, -71.1170 looks on a white background.

Color Contrast Check

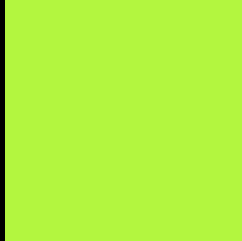
Large Text (above 18pt) WCAG AA × Fail

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 205.1050, 18.8110, -71.1170 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 205.1050, 18.8110, -71.1170

Background



This preview shows how black text looks on a background with the YIQ color 205.1050, 18.8110, -71.1170.



This preview shows how white text looks on a background with the YIQ color 205.1050, 18.8110,

-71.1170.

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

205.1050, 18.8110, -71.1170

Protanopia

214.3340, 70.2950, -46.0010

Deuteranopia

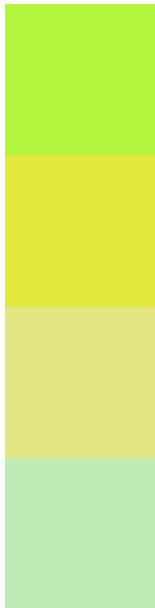
224.1780, 37.1850, -7.6070



Tritanopia

222.7940, -22.7870, -0.0270

Trichromacy



Original Color

205.1050, 18.8110, -71.1170

Protanomaly

211.1850, 51.3610, -55.2870

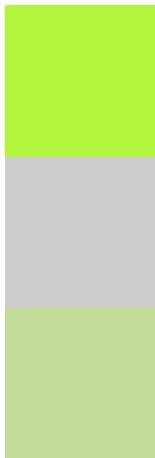
Deuteranomaly

217.2300, 30.2660, -30.9020

Tritanomaly

216.2860, -7.6980, -25.6980

Monochromacy



Original Color

205.1050, 18.8110, -71.1170

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.1860, 7.2030, -25.9250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.1050, 18.8110, -71.1170 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(179, 246, 63)` looks like.

```
.text, #text, p{  
    color:rgb(179, 246, 63)  
}
```

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(179, 246, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 246, 63) }
```

Border

The CSS property to change the border of an element to YIQ 205.1050, 18.8110, -71.1170 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(179, 246, 63) }
```


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

```
.border{ border-color:rgb(179, 246, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 246, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 246, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 246, 63);  
box-shadow:4px 4px 4px 4px rgb(179, 246,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 205.1050, 18.8110, -71.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 246, 63) }
```

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

```
.background{ background-color: rgb(179,  
246, 63) }
```

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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