

Converting Colors

YIQ(189.6800, 18.8100,
-65.5900)

Have a look what the booklet for
YIQ(189.6800, 18.8100, -65.5900)
contains.

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Color

**YIQ(189.6800, 18.8100,
-65.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E339
RGB	167, 227, 57
RGB Percent	65%, 89%, 22%
CMY	0.3453, 0.1097, 0.7762
CMYK	0.26, 0.00, 0.75, 0.11
HSL	81°, 75%, 56%
HSV	81°, 75%, 89%
XYZ	44.1387, 63.4562, 13.7997
YIQ	189.6800, 18.8100, -65.5900

Conversions

Conversions Part 2

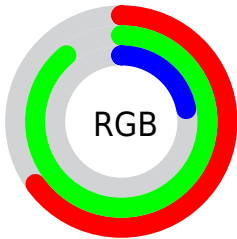
Format	Color
RYB	57, 227, 117
Decimal	11002681
CIELab	83.68, -42.47, 71.40
CIElCh	84, 83.078, 120.742
Yxy	63.4562, 0.3636, 0.5227
Android (android.graphics.Color)	4289192761 (0xFFA7E339)
YUV	189.6800, -65.4112, -19.8904
Hunter-Lab	79.6594, -40.4986, 45.4906

Details

The YIQ color **189.6800, 18.8100, -65.5900** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **94.3200, -18.8100, 65.5900**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.4830, 27.3350, -49.3770**, and **132.9680, 17.9390, -66.3250** is the 20% darker color. If you saturate the color by 10%, you get **184.6660, 21.4250, -74.4390**, and if you desaturate by 10%, it is **194.6940, 16.1950, -56.7410**.

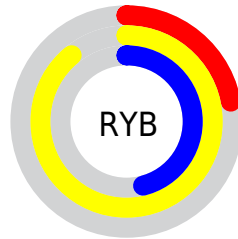
Distribution



Red (65%)

Green (89%)

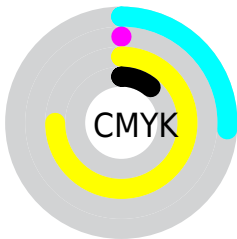
Blue (22%)



Red (22%)

Yellow (89%)

Blue (46%)

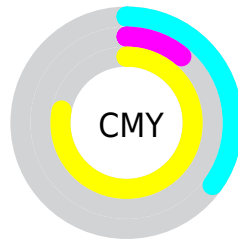


Cyan (26%)

Magenta (0%)

Yellow (75%)

Black (11%)



Cyan (35%)

Magenta (11%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.6800, 18.8100, -65.5900 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 189.6800, 18.8100, -65.5900 by changing the saturation by 10% instead.

■ 189.6800, 18.8100,
-65.5900

■ 189.6800, 18.8100,
-65.5900

■ 255.0000, -0.0000,
-0.0000

■ 160.1270, 21.7450,
-69.2230

■ 230.4830, 27.3350,
-49.3770

■ 132.9680, 17.9390,
-66.3250

■ 242.3460, 35.6310,
-34.5210

■ 108.7470, 8.6760,
-58.1400

■ 245.6520, 26.3220,
-25.5020

■ 84.5150, -2.0540,
-50.9020

■ 248.9580, 17.0130,
-16.4830

■ 58.4780, -17.8270,
-45.8830

■ 252.2640, 7.7040,
-7.4640

■ 40.5030, -18.9750,
-36.0870

■ 27.0020, -12.6500,

-24.0580

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 189.6800, 18.8100,
-65.5900

■ 189.6800, 18.8100,
-65.5900

■ 184.6660, 21.4250,
-74.4390

■ 194.6940, 16.1950,
-56.7410

■ 179.7660, 23.7190,
-82.9770

■ 199.5940, 13.9010,
-48.2030

■ 177.2020, 25.1870,
-87.5570

■ 204.6080, 11.2860,
-39.3540

■ 209.6220, 8.6710,
-30.5050

■ 214.6360, 6.0560,
-21.6560

■ 219.5360, 3.7620,
-13.1180

■ 224.5500, 1.1470,
-4.2690

■ 229.5640, -1.4680,
4.5800

■ 233.7800, -1.8360,
11.2520

Harmonies

Analogous

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



195.8870, 84.5550, -51.1330



189.6800, 18.8100, -65.5900



155.4720, -107.0880, -85.7120

Triad

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



189.6800, 18.8100, -65.5900



167.6020, -146.7550, -44.1230



177.0820, 48.5450, 50.8570

Complementary

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



189.6800, 18.8100, -65.5900



94.3200, -18.8100, 65.5900

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.



193.9520, 28.6000, 54.3920



189.6800, 18.8100, -65.5900



156.4490, -141.5300, -34.1860

Square

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



189.6800, 18.8100, -65.5900



172.2980, -148.9550, -48.3070



201.3300, -8.7160, 25.8120



175.3480, 69.9620, 20.6340

Rectangle

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



189.6800, 18.8100, -65.5900



163.8620, -125.2010, -71.3210



201.3300, -8.7160, 25.8120



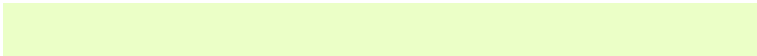
181.8070, 39.3740, 57.3740

Sweetspot

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



189.6800, 18.8100, -65.5900



242.6360, 6.0560, -21.6560



143.0500, 84.8200, 4.6600



120.5360, 3.7620, -13.1180



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.



189.6800, 18.8100, -65.5900



204.5610, 25.5540, -88.7020



164.5640, -31.2540, -83.3980



112.4360, 1.4680, -4.5800



139.4580, 19.3150, -69.2370



39.8040, 5.6430, -19.6770

Inverse Universe

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



94.3200, -18.8100, 65.5900



75.7380, -24.9580, 88.9140



119.7350, 31.8500, 83.6100



105.5640, -1.4680, 4.5800



39.2430, -19.9110, 69.0250



11.1960, -5.6430, 19.6770

Previews

White Background



This preview shows how the YIQ color 189.6800, 18.8100, -65.5900 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 189.6800, 18.8100, -65.5900 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 189.6800, 18.8100, -65.5900

Background



This preview shows how black text looks on a background with the YIQ color 189.6800, 18.8100, -65.5900.



This preview shows how white text looks on a background with the YIQ color 189.6800, 18.8100,

-65.5900.

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

189.6800, 18.8100, -65.5900

Protanopia

197.6910, 64.9760, -43.2160

Deuteranopia

203.4150, 66.7140, -19.6380



Tritanopia

206.4630, -20.3570, -0.0130

Trichromacy



Original Color

189.6800, 18.8100, -65.5900

Protanomaly

194.8520, 48.1050, -51.3430

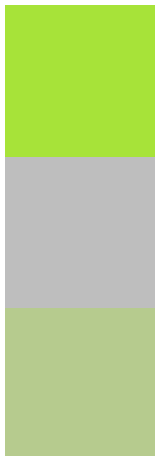
Deuteranomaly

198.7080, 49.1110, -36.5290

Tritanomaly

200.1230, -5.6810, -23.7050

Monochromacy



Original Color

189.6800, 18.8100, -65.5900

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.7670, 7.0650, -23.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6800, 18.8100, -65.5900 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(167, 227, 57)` looks like.

```
.text, #text, p{  
    color:rgb(167, 227, 57)  
}
```

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(167, 227, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 227, 57) }
```

Border

The CSS property to change the border of an element to YIQ 189.6800, 18.8100, -65.5900 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(167, 227, 57) }
```


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

```
.border{ border-color:rgb(167, 227, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 227, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 227, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 227, 57);  
box-shadow:4px 4px 4px 4px rgb(167, 227,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6800, 18.8100, -65.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 227, 57) }
```

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

```
.background{ background-color: rgb(167,  
227, 57) }
```

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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