

Converting Colors

YIQ(199.2380, 61.0370,
-65.4510)

Have a look what the booklet for
YIQ(199.2380, 61.0370, -65.4510)
contains.

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Color

**YIQ(199.2380, 61.0370,
-65.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E114
RGB	217, 225, 20
RGB Percent	85%, 88%, 8%
CMY	0.1492, 0.1176, 0.9211
CMYK	0.04, 0.00, 0.91, 0.12
HSL	62°, 84%, 48%
HSV	62°, 91%, 88%
XYZ	55.6573, 68.6488, 10.9837
YIQ	199.2380, 61.0370, -65.4510

Conversions

Conversions Part 2

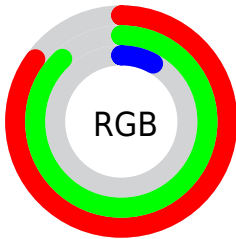
Format	Color
R_{YB}	20, 225, 28
Decimal	14278932
CIE Lab	86.33, -22.77, 83.33
CIE LCh	86, 86.383, 105.281
Yxy	68.6488, 0.4114, 0.5074
Android (android.graphics.Color)	4292469012 (0xFFD9E114)
YUV	199.2380, -88.3643, 15.5773
Hunter-Lab	82.8546, -25.0887, 50.1384

Details

The YIQ color **199.2380, 61.0370, -65.4510** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **45.7620, -61.0370, 65.4510**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.7600, 51.3600, -49.7600**, and **146.7330, 46.8220, -55.6260** is the 20% darker color. If you saturate the color by 10%, you get **196.6590, 66.8610, -71.8830**, and if you desaturate by 10%, it is **202.1590, 54.2500, -58.0860**.

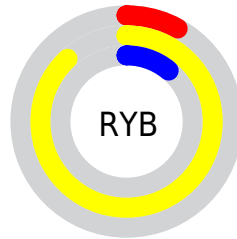
Distribution



Red (85%)

Green (88%)

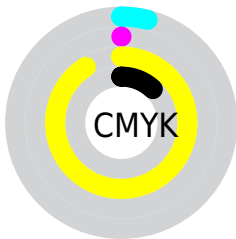
Blue (8%)



Red (8%)

Yellow (88%)

Blue (11%)

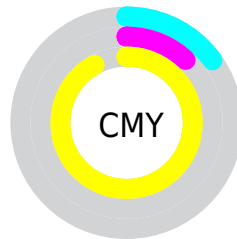


Cyan (4%)

Magenta (0%)

Yellow (91%)

Black (12%)



Cyan (15%)

Magenta (12%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2380, 61.0370, -65.4510 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 199.2380, 61.0370, -65.4510 by changing the saturation by 10% instead.

■ 199.2380, 61.0370,
-65.4510

■ 199.2380, 61.0370,
-65.4510

■ 255.0000, -0.0000,
-0.0000

■ 171.5520, 57.2770,
-63.3870

■ 236.7600, 51.3600,
-49.7600

■ 146.7330, 46.8220,
-55.6260

■ 240.1800, 41.7300,
-40.4300

■ 122.8000, 36.6880,
-48.1760

■ 243.4860, 32.4210,
-31.4110

■ 99.1660, 27.1500,
-40.5140

■ 246.7920, 23.1120,
-22.3920

■ 76.7060, 17.0620,
-33.8980

■ 250.2120, 13.4820,
-13.0620

■ 54.2460, 6.9740,
-27.2820

■ 253.6320, 3.8520,

■ 32.6720, -2.7930,

-3.7320

-20.9770

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 199.2380, 61.0370,
-65.4510

■ 199.2380, 61.0370,
-65.4510

■ 196.6590, 66.8610,
-71.8830

■ 202.1590, 54.2500,
-58.0860

■ 204.9660, 47.7840,
-51.0320

■ 207.8870, 40.9970,
-43.6670

■ 210.3950, 33.9350,
-36.8250

■ 213.3160, 27.1480,
-29.4600

■ 216.1230, 20.6820,
-22.4060

■ 219.0440, 13.8950,
-15.0410

■ 221.8510, 7.4290,
-7.9870

■ 224.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



195.9880, 86.2490, -37.7750



199.2380, 61.0370, -65.4510



188.8950, -24.5160, -73.3480

Triad

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



199.2380, 61.0370, -65.4510



175.8200, -150.6050, -51.4450



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.



199.2380, 61.0370, -65.4510



45.7620, -61.0370, 65.4510

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.



208.0400, 22.0000, 41.8400



199.2380, 61.0370, -65.4510



168.1890, -147.0300, -44.6460

Square

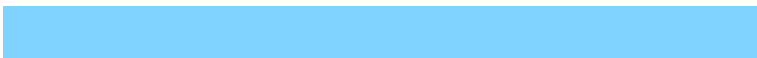
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.2380, 61.0370, -65.4510



178.1680, -151.7050, -53.5370



191.1990, -63.5920, -3.9120



176.3690, 57.4420, 38.2900

Rectangle

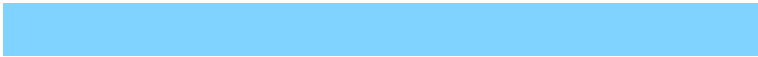
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.2380, 61.0370, -65.4510



163.1660, -114.9740, -85.9660



191.1990, -63.5920, -3.9120



193.9520, 28.6000, 54.3920

Sweetspot

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



199.2380, 61.0370, -65.4510



246.2370, 20.3610, -22.0950



85.4040, 120.2550, 39.7990



122.7280, 11.9690, -13.1750



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.



199.2380, 61.0370, -65.4510



222.9400, 75.8950, -81.4250



169.0390, 0.8410, -86.8630



110.7460, 3.5310, -3.4210



153.8430, 52.3240, -56.2200



42.2290, 14.8120, -15.1400

Inverse Universe

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



45.7620, -61.0370, 65.4510



32.0600, -75.8950, 81.4250



75.9610, -0.8410, 86.8630



102.2540, -3.5310, 3.4210



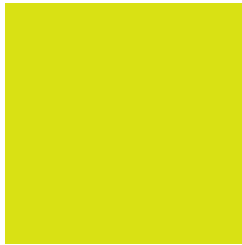
22.1570, -52.3240, 56.2200



6.0700, -14.2160, 15.3520

Previews

White Background



This preview shows how the YIQ color 199.2380, 61.0370, -65.4510 looks on a white background.

Color Contrast Check

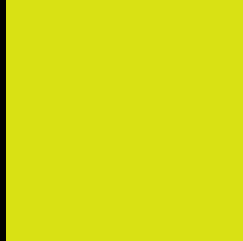
Large Text (above 18pt) WCAG AA × Fail

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 199.2380, 61.0370, -65.4510 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 199.2380, 61.0370, -65.4510

Background



This preview shows how black text looks on a background with the YIQ color 199.2380, 61.0370, -65.4510.



This preview shows how white text looks on a background with the YIQ color 199.2380, 61.0370,

-65.4510.

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

199.2380, 61.0370, -65.4510

Protanopia

201.2730, 80.2920, -56.4760

Deuteranopia

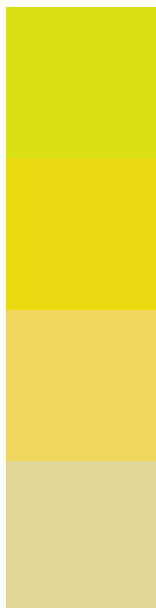
213.6170, 51.7660, -13.0500



Tritanopia

217.8150, 8.2510, 10.1630

Trichromacy



Original Color

199.2380, 61.0370, -65.4510

Protanomaly

200.4570, 73.7820, -59.6420

Deuteranomaly

208.2790, 54.9330, -31.9070

Tritanomaly

211.2920, 27.6960, -17.3600

Monochromacy



Original Color

199.2380, 61.0370, -65.4510

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9660, 22.5620, -23.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2380, 61.0370, -65.4510 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(217, 225, 20)` looks like.

```
.text, #text, p{  
    color:rgb(217, 225, 20)  
}
```

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(217, 225, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 225, 20) }
```

Border

The CSS property to change the border of an element to YIQ 199.2380, 61.0370, -65.4510 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(217, 225, 20) }
```


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

```
.border{ border-color:rgb(217, 225, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 225, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 225, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 225, 20);  
box-shadow:4px 4px 4px 4px rgb(217, 225,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2380, 61.0370, -65.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 225, 20) }
```

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

```
.background{ background-color: rgb(217,  
225, 20) }
```

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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