

Converting Colors

YIQ(219.0200, 12.1610,
-60.7270)

Have a look what the booklet for
YIQ(219.0200, 12.1610, -60.7270)
contains.

YIQ(219.0200, 12.1610, -60.7270)	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(219.0200, 12.1610,
-60.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FF66
RGB	193, 255, 102
RGB Percent	76%, 100%, 40%
CMY	0.2434, 0.0000, 0.5998
CMYK	0.24, 0.00, 0.60, 0.00
HSL	84°, 100%, 70%
HSV	84°, 60%, 100%
XYZ	60.1369, 83.8095, 25.5887
YIQ	219.0200, 12.1610, -60.7270

Conversions

Conversions Part 2

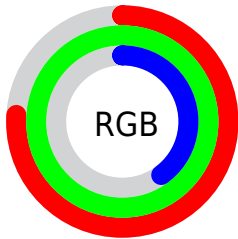
Format	Color
RYB	102, 255, 164
Decimal	12713830
CIELab	93.37, -42.17, 65.14
CIElCh	93, 77.600, 122.916
Yxy	83.8095, 0.3547, 0.4943
Android (android.graphics.Color)	4290903910 (0xFFC1FF66)
YUV	219.0200, -57.6909, -22.8195
Hunter-Lab	91.5475, -42.9527, 47.5109

Details

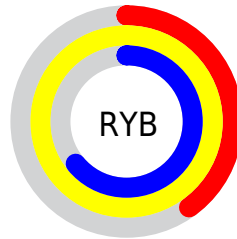
The YIQ color **219.0200, 12.1610, -60.7270** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **137.9800, -12.1610, 60.7270**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0450, 29.3490, -30.8030**, and **161.9060, 12.4820, -61.0380** is the 20% darker color. If you saturate the color by 10%, you get **213.1800, 14.2260, -70.6220**, and if you desaturate by 10%, it is **224.9740, 9.7750, -50.5210**.

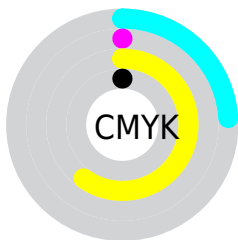
Distribution



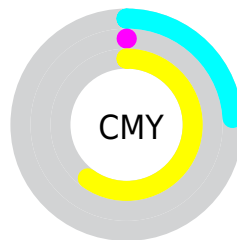
- Red (76%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (64%)



- Cyan (24%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.0200, 12.1610, -60.7270 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 219.0200, 12.1610, -60.7270 by changing the saturation by 10% instead.


 219.0200, 12.1610,
-60.7270


 219.0200, 12.1610,
-60.7270


255.0000, -0.0000,
-0.0000


 190.1340, 11.8400,
-60.4160

 243.0450, 29.3490,
-30.8030


 161.6070, 11.8860,
-61.2500


 247.1340, 22.1490,
-21.4590


 131.7830, 17.0220,
-66.2260

 250.4400, 12.8400,
-12.4400

 108.1490, 7.4840,
-58.5640

 253.8600, 3.2100,
-3.1100

 83.9170, -3.2460,
-51.3260

 57.8910, -17.5520,
-45.3600

 39.9160, -18.7000,

-35.5640

■ 27.0020, -12.6500,
-24.0580

■ 11.7400, -5.5000,
-10.4600

■ 219.0200, 12.1610,
-60.7270

■ 219.0200, 12.1610,
-60.7270

■ 213.1800, 14.2260,
-70.6220

■ 224.9740, 9.7750,
-50.5210

■ 206.9270, 16.0160,
-81.0400

■ 231.1130, 8.3060,
-40.4140

■ 201.0870, 18.0810,
-90.9350

■ 237.0670, 5.9200,
-30.2080

■ 195.1330, 20.4670,
-101.1410

■ 242.9070, 3.8550,
-20.3130

■ 249.1600, 2.0650,
-9.8950

255.0000, -0.0000,
-0.0000

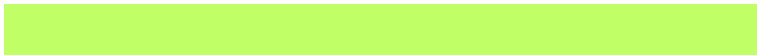
Harmonies

Analogous

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



222.6260, 63.6010, -45.8310



219.0200, 12.1610, -60.7270



191.2190, -77.7940, -65.9380

Triad

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



219.0200, 12.1610, -60.7270



178.7550, -151.9800, -54.0600



201.3090, 31.3080, 38.3480

Complementary

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



219.0200, 12.1610, -60.7270



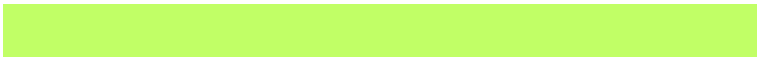
137.9800, -12.1610, 60.7270

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.



212.7360, 19.8000, 37.6560



219.0200, 12.1610, -60.7270



195.0440, -100.7250, -30.3010

Square

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



219.0200, 12.1610, -60.7270



178.7550, -151.9800, -54.0600



228.2530, 7.3780, 20.4820



199.4440, 51.7160, 9.8920

Rectangle

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



219.0200, 12.1610, -60.7270



174.1950, -139.1400, -66.5000



228.2530, 7.3780, 20.4820



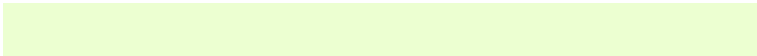
205.1050, 23.3750, 44.4550

Sweetspot

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



219.0200, 12.1610, -60.7270



244.0750, 3.4420, -18.3340



183.5540, 74.4130, 0.5330



121.1060, 2.1570, -11.5630



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.



219.0200, 12.1610, -60.7270



211.8980, 14.9600, -72.9120



196.2960, -33.1350, -76.8390



124.7240, 0.5970, -5.3150



146.2030, 15.4190, -75.7250



48.9300, 5.0480, -25.4160

Inverse Universe

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



137.9800, -12.1610, 60.7270



114.4010, -14.3640, 73.1240



160.7040, 33.1350, 76.8390



117.9770, -1.1930, 5.1030



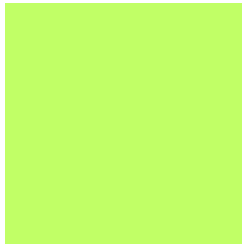
45.0960, -14.8230, 75.9370



15.0700, -5.0480, 25.4160

Previews

White Background



This preview shows how the YIQ color 219.0200, 12.1610, -60.7270 looks on a white background.

Color Contrast Check

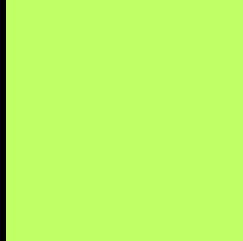
Large Text (above 18pt) WCAG AA × Fail

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 219.0200, 12.1610, -60.7270 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

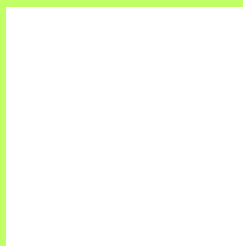
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.0200, 12.1610, -60.7270

Background



This preview shows how black text looks on a background with the YIQ color 219.0200, 12.1610, -60.7270.



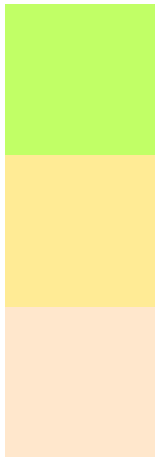
This preview shows how white text looks on a background with the YIQ color 219.0200, 12.1610,

-60.7270.

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

219.0200, 12.1610, -60.7270

Protanopia

231.1760, 39.5260, -22.5060

Deuteranopia

235.0980, 22.9710, -3.3090



Tritanopia

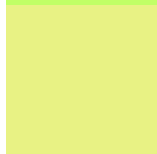
233.9470, -18.8440, 0.1000

Trichromacy



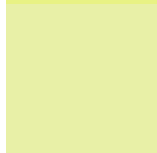
Original Color

219.0200, 12.1610, -60.7270



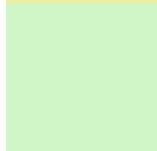
Protanomaly

226.4700, 29.3500, -36.3300



Deuteranomaly

229.2860, 18.6650, -24.3990



Tritanomaly

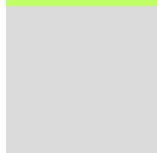
228.6930, -7.2860, -22.1500

Monochromacy



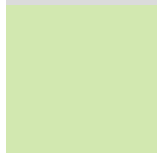
Original Color

219.0200, 12.1610, -60.7270



Achromatopsia

219.0000, 0.0000, -0.0000



Achromatomaly

219.0380, 4.8640, -22.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0200, 12.1610, -60.7270 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(193, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 102)  
}
```

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(193, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 102) }
```

Border

The CSS property to change the border of an element to YIQ 219.0200, 12.1610, -60.7270 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(193, 255, 102) }
```


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

```
.border{ border-color:rgb(193, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0200, 12.1610, -60.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 102) }
```

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

```
.background{ background-color: rgb(193,  
255, 102) }
```

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