

Converting Colors

YIQ(127.3790, -59.6750,
-113.4910)

Have a look what the booklet for
YIQ(127.3790, -59.6750, -113.4910)
contains.

YIQ(127.3790, -59.6750, -113.4910)	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(127.3790, -59.6750,
-113.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	00D900
RGB	0, 217, 0
RGB Percent	0%, 85%, 0%
CMY	1.0000, 0.1486, 0.9999
CMYK	1.00, 0.00, 1.00, 0.15
HSL	120°, 100%, 43%
HSV	120°, 100%, 85%
XYZ	24.8362, 49.6724, 8.2787
YIQ	127.3790, -59.6750, -113.4910

Conversions

Conversions Part 2

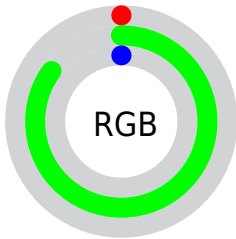
Format	Color
RYB	0, 217, 217
Decimal	55552
CIELab	75.87, -76.32, 73.66
CIELCh	76, 106.074, 136.016
Yxy	49.6724, 0.3000, 0.6000
Android (android.graphics.Color)	4278245632 (0xFF00D900)
YUV	127.3790, -62.7978, -111.7114
Hunter-Lab	70.4787, -60.4355, 42.3706

Details

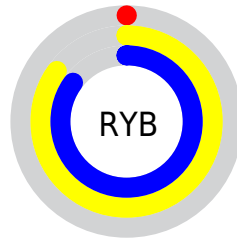
The YIQ color **127.3790, -59.6750, -113.4910** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **89.6210, 59.6750, 113.4910**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.8520, -32.1250, -84.1330**, and **93.9200, -44.0000, -83.6800** is the 20% darker color. If you saturate the color by 10%, you get **127.3790, -59.6750, -113.4910**, and if you desaturate by 10%, it is **136.4650, -53.6250, -101.9850**.

Distribution



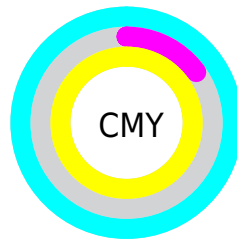
- Red (0%)
- Green (85%)
- Blue (0%)



- Red (0%)
- Yellow (85%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.3790, -59.6750, -113.4910 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 127.3790, -59.6750, -113.4910 by changing the saturation by 10% instead.

■ 127.3790,
-59.6750, -113.4910

■ 127.3790,
-59.6750, -113.4910

■ 255.0000, -0.0000,
-0.0000

■ 110.3560,
-51.7000, -98.3240

■ 191.8520,
-32.1250, -84.1330

■ 93.9200, -44.0000,
-83.6800

■ 205.4380,
-21.4910, -67.5950

■ 78.0710, -36.5750,
-69.5590

■ 218.3120,
-11.7280, -51.7920

■ 62.2220, -29.1500,
-55.4380

■ 231.1860, -1.9650,
-35.9890

■ 46.9600, -22.0000,
-41.8400

■ 244.0600, 7.7980,
-20.1860

■ 32.8720, -15.4000,
-29.2880

■ 252.1500, 8.0250,

■ 17.0230, -7.9750,

-7.7750

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 127.3790,
-59.6750, -113.4910

■ 136.4650,
-53.6250, -101.9850

■ 145.1380,
-47.8500, -91.0020

■ 154.2240,
-41.8000, -79.4960

■ 163.3100,
-35.7500, -67.9900

■ 172.3960,
-29.7000, -56.4840

■ 181.0690,
-23.9250, -45.5010

■ 190.1550,
-17.8750, -33.9950

■ 199.2410,
-11.8250, -22.4890

■ 207.9140, -6.0500,
-11.5060

Harmonies

Analogous

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



169.7360, 50.7670, -66.5530



127.3790, -59.6750, -113.4910



148.1660, -105.8060, -75.9020

Triad

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



127.3790, -59.6750, -113.4910



153.5140, -140.1550, -31.5710



122.7290, 92.7400, 70.4040

Complementary

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



127.3790, -59.6750, -113.4910



89.6210, 59.6750, 113.4910

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.



140.8310, 58.3030, 94.2950



127.3790, -59.6750, -113.4910



135.3170, -131.6300, -15.3580

Square

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



127.3790, -59.6750, -113.4910



161.7320, -144.0050, -38.8930



181.6140, 32.9080, 64.4280



148.4240, 107.1940, 6.6660

Rectangle

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



127.3790, -59.6750, -113.4910



157.2060, -128.5050, -55.4890



181.6140, 32.9080, 64.4280



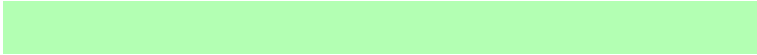
118.7460, 86.0430, 87.1550

Sweetspot

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



127.3790, -59.6750, -113.4910



223.6120, -20.9000, -39.7480



192.2620, 69.6570, -67.4870



109.0020, -12.6500, -24.0580



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.



127.3790, -59.6750, -113.4910



149.6850, -70.1250, -133.3650



139.8050, -94.6640, -79.5920



105.4570, -3.0250, -5.7530



101.5510, -47.5750, -90.4790



27.0020, -12.6500, -24.0580

Inverse Universe

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



89.6210, 59.6750, 113.4910



105.3150, 70.1250, 133.3650



77.3090, 94.3430, 79.9030



103.5430, 3.0250, 5.7530



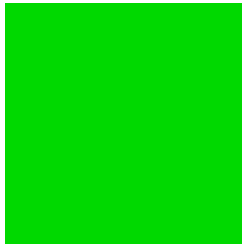
71.4490, 47.5750, 90.4790



18.9980, 12.6500, 24.0580

Previews

White Background



This preview shows how the YIQ color 127.3790, -59.6750, -113.4910 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 127.3790, -59.6750, -113.4910 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 127.3790, -59.6750, -113.4910 Background



This preview shows how black text looks on a background with the YIQ color 127.3790, -59.6750, -113.4910.



This preview shows how white text looks on a background with the YIQ color 127.3790, -59.6750, -113.4910.

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

127.3790, -59.6750, -113.4910

Protanopia

171.6730, 73.4140, -52.9700

Deuteranopia

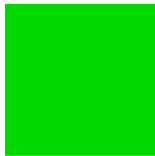
178.3370, 75.3810, -28.0350



Tritanopia

170.6350, -71.2920, -18.5560

Trichromacy



Original Color

127.3790, -59.6750, -113.4910



Protanomaly

155.4060, 25.0930, -74.8350



Deuteranomaly

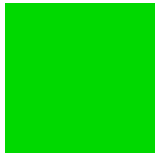
159.7890, 26.0530, -59.1870



Tritanomaly

154.6970, -66.9760, -52.7360

Monochromacy



Original Color

127.3790, -59.6750, -113.4910



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

127.3730, -21.7250, -41.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3790, -59.6750, -113.4910 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(0, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 0)  
}
```

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(0, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 0) }
```

Border

The CSS property to change the border of an element to YIQ 127.3790, -59.6750, -113.4910 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(0, 217, 0) }
```


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

```
.border{ border-color:rgb(0, 217, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 217, 0); box-shadow:4px  
4px 4px 4px rgb(0, 217, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3790, -59.6750, -113.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 0) }
```

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

```
.background{ background-color: rgb(0, 217,  
0) }
```

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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