

Converting Colors

YIQ(127.2140, -63.3440,
-107.5680)

Have a look what the booklet for
YIQ(127.2140, -63.3440, -107.5680)
contains.

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Color

**YIQ(127.2140, -63.3440,
-107.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	00D60E
RGB	0, 214, 14
RGB Percent	0%, 84%, 5%
CMY	1.0000, 0.1604, 0.9451
CMYK	1.00, 0.00, 0.93, 0.16
HSL	124°, 100%, 42%
HSV	124°, 100%, 84%
XYZ	24.1483, 48.1701, 8.4396
YIQ	127.2140, -63.3440, -107.5680

Conversions

Conversions Part 2

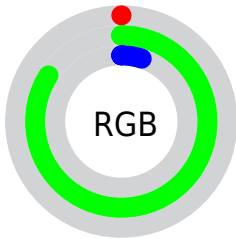
Format	Color
RYB	0, 201, 214
Decimal	54798
CIELab	74.93, -75.27, 71.51
CIELCh	75, 103.820, 136.469
Yxy	48.1701, 0.2990, 0.5965
Android (android.graphics.Color)	4278244878 (0xFF00D60E)
YUV	127.2140, -55.8145, -111.5667
Hunter-Lab	69.4046, -59.3517, 41.3736

Details

The YIQ color **127.2140, -63.3440, -107.5680** 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 **86.7860, 63.3440, 107.5680**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.8950, -33.6840, -83.4120**, and **92.1590, -43.1750, -82.1110** is the 20% darker color. If you saturate the color by 10%, you get **127.2140, -63.3440, -107.5680**, and if you desaturate by 10%, it is **135.7730, -57.2480, -96.8960**.

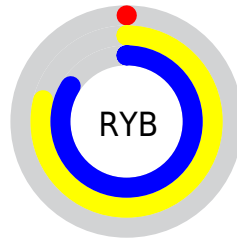
Distribution



Red (0%)

Green (84%)

Blue (5%)



Red (0%)

Yellow (79%)

Blue (84%)

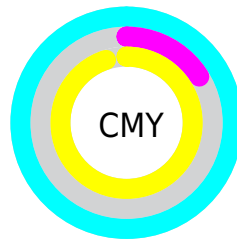


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (16%)



Cyan (100%)

Magenta (16%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.2140, -63.3440, -107.5680 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 127.2140, -63.3440, -107.5680 by changing the saturation by 10% instead.

■ 127.2140,
-63.3440, -107.5680

■ 127.2140,
-63.3440, -107.5680

■ 255.0000, -0.0000,
-0.0000

■ 108.5950,
-50.8750, -96.7550

■ 191.8950,
-33.6840, -83.4120

■ 92.1590, -43.1750,
-82.1110

■ 205.4810,
-23.0500, -66.8740

■ 76.3100, -35.7500,
-67.9900

■ 218.2410,
-12.9660, -51.3820

■ 60.4610, -28.3250,
-53.8690

■ 231.1150, -3.2030,
-35.5790

■ 45.1990, -21.1750,
-40.2710

■ 243.6900, 5.9640,
-19.9880

■ 31.1110, -14.5750,
-27.7190

■ 252.4920, 7.0620,

■ 15.2620, -7.1500,

-6.8420

-13.5980

■ 0.0000, 0.0000,
0.0000

■ 127.2140,
-63.3440, -107.5680

■ 135.7730,
-57.2480, -96.8960

■ 144.6310,
-50.5560, -86.0120

■ 153.1900,
-44.4600, -75.3400

■ 162.0480,
-37.7680, -64.4560

■ 170.6070,
-31.6720, -53.7840

■ 179.1660,
-25.5760, -43.1120

■ 188.0240,
-18.8840, -32.2280

■ 196.5830,
-12.7880, -21.5560

■ 205.4410, -6.0960,
-10.6720

Harmonies

Analogous

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



167.0780, 49.8040, -65.6200



127.2140, -63.3440, -107.5680



146.4050, -104.9810, -74.3330

Triad

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



127.2140, -63.3440, -107.5680



151.1660, -139.0550, -29.4790



125.3220, 92.3280, 66.8560

Complementary

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



127.2140, -63.3440, -107.5680



86.7860, 63.3440, 107.5680

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.



141.4350, 59.3580, 91.6940



127.2140, -63.3440, -107.5680



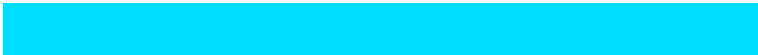
133.5560, -130.8050, -13.7890

Square

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



127.2140, -63.3440, -107.5680



159.3840, -142.9050, -36.8010



179.8420, 32.2660, 65.0500



149.0110, 106.9190, 6.1430

Rectangle

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



127.2140, -63.3440, -107.5680



155.2170, -127.0380, -54.5420



179.8420, 32.2660, 65.0500



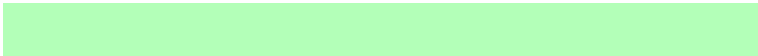
121.8120, 85.6770, 82.7730

Sweetspot

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



127.2140, -63.3440, -107.5680



224.1820, -22.5050, -38.1930



186.3150, 62.1380, -68.8860



109.3440, -13.6130, -23.1250



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.



127.2140, -63.3440, -107.5680



151.6230, -75.5820, -128.0780



139.0700, -96.7280, -75.2240



102.5710, -3.3460, -5.4420



101.6310, -50.5560, -86.0120



25.5830, -12.7880, -21.5560

Inverse Universe

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



86.7860, 63.3440, 107.5680



103.3770, 75.5820, 128.0780



74.9300, 96.7280, 75.2240



100.4290, 3.3460, 5.4420



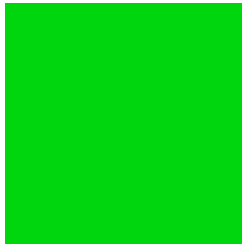
69.3690, 50.5560, 86.0120



17.5310, 12.4670, 21.8670

Previews

White Background



This preview shows how the YIQ color 127.2140, -63.3440, -107.5680 looks on a white background.

Color Contrast Check

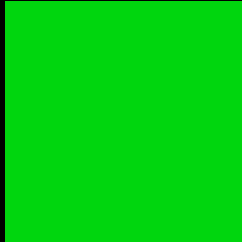
Large Text (above 18pt) WCAG AA × Fail

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 127.2140, -63.3440, -107.5680 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 127.2140, -63.3440, -107.5680 Background



This preview shows how black text looks on a background with the YIQ color 127.2140, -63.3440, -107.5680.



This preview shows how white text looks on a background with the YIQ color 127.2140, -63.3440, -107.5680.

-107.5680.

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

127.2140, -63.3440, -107.5680

Protanopia

169.0150, 72.4510, -52.0370

Deuteranopia

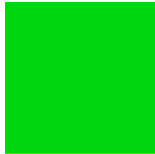
175.7930, 74.0970, -26.7910



Tritanopia

168.2330, -70.1000, -18.1320

Trichromacy



Original Color

127.2140, -63.3440, -107.5680



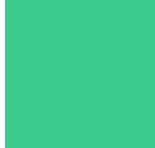
Protanomaly

153.6170, 23.1210, -72.1350



Deuteranomaly

158.1140, 23.7600, -56.1760



Tritanomaly

152.9790, -67.7100, -50.4460

Monochromacy



Original Color

127.2140, -63.3440, -107.5680



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

127.3560, -23.0550, -39.2390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.2140, -63.3440, -107.5680 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, 214, 14)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 14)  
}
```

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, 214, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 14) }
```

Border

The CSS property to change the border of an element to YIQ 127.2140, -63.3440, -107.5680 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, 214, 14) }
```


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

```
.border{ border-color:rgb(0, 214, 14) }
```

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

Here you see how a box with a 4 pixel rgb(0, 214, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 14);  
box-shadow:4px 4px 4px 4px rgb(0, 214, 14)  
}
```

Background

The CSS property to change the background color of an element to YIQ 127.2140, -63.3440, -107.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 14) }
```

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

```
.background{ background-color: rgb(0, 214,  
14) }
```

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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