

Converting Colors

YIQ(122.8600, -62.1070,
-102.4510)

Have a look what the booklet for
YIQ(122.8600, -62.1070, -102.4510)
contains.

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Color

**YIQ(122.8600, -62.1070,
-102.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	00CE11
RGB	0, 206, 17
RGB Percent	0%, 81%, 7%
CMY	1.0000, 0.1918, 0.9334
CMYK	1.00, 0.00, 0.92, 0.19
HSL	125°, 100%, 40%
HSV	125°, 100%, 81%
XYZ	22.1930, 44.2245, 7.8958
YIQ	122.8600, -62.1070, -102.4510

Conversions

Conversions Part 2

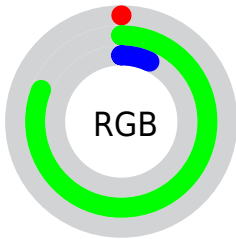
Format	Color
RYB	0, 190, 206
Decimal	52753
CIELab	72.38, -73.05, 68.97
CIELCh	72, 100.468, 136.644
Yxy	44.2245, 0.2986, 0.5951
Android (android.graphics.Color)	4278242833 (0xFF00CE11)
YUV	122.8600, -52.1890, -107.7482
Hunter-Lab	66.5015, -56.8082, 39.5115

Details

The YIQ color **122.8600, -62.1070, -102.4510** 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 **83.1400, 62.1070, 102.4510**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.2970, -34.8760, -83.8360**, and **88.0500, -41.2500, -78.4500** is the 20% darker color. If you saturate the color by 10%, you get **122.8600, -62.1070, -102.4510**, and if you desaturate by 10%, it is **131.3050, -55.6900, -92.0900**.

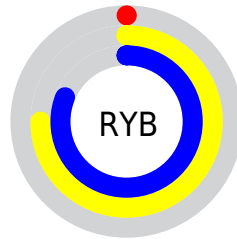
Distribution



Red (0%)

Green (81%)

Blue (7%)



Red (0%)

Yellow (75%)

Blue (81%)

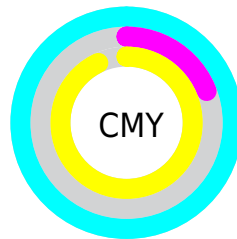


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (19%)



Cyan (100%)

Magenta (19%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8600, -62.1070, -102.4510 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 122.8600, -62.1070, -102.4510 by changing the saturation by 10% instead.

■ 122.8600,
-62.1070, -102.4510

■ 122.8600,
-62.1070, -102.4510

■ 255.0000, -0.0000,
-0.0000

■ 104.4860,
-48.9500, -93.0940

■ 191.2970,
-34.8760, -83.8360

■ 88.0500, -41.2500,
-78.4500

■ 204.4700,
-24.5170, -67.8210

■ 72.2010, -33.8250,
-64.3290

■ 217.2300,
-14.4330, -52.3290

■ 56.3520, -26.4000,
-50.2080

■ 229.8050, -5.2660,
-36.7380

■ 41.6770, -19.5250,
-37.1330

■ 242.6790, 4.4970,
-20.9350

■ 27.0020, -12.6500,
-24.0580

■ 252.2640, 7.7040,

■ 8.8050, -4.1250,

-7.4640

-7.8450

■ 0.0000, 0.0000,
0.0000

■ 122.8600,
-62.1070, -102.4510

■ 131.3050,
-55.6900, -92.0900

■ 139.4510,
-49.8690, -81.9410

■ 147.8960,
-43.4520, -71.5800

■ 156.0420,
-37.6310, -61.4310

■ 164.4870,
-31.2140, -51.0700

■ 172.8180,
-24.4760, -41.0200

■ 180.9640,
-18.6550, -30.8710

■ 189.4090,
-12.2380, -20.5100

■ 197.5550, -6.4170,
-10.3610

Harmonies

Analogous

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



160.8760, 47.5570, -63.4430



122.8600, -62.1070, -102.4510



140.6660, -101.2220, -70.8700

Triad

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



122.8600, -62.1070, -102.4510



146.4700, -136.8550, -25.2950



124.0510, 94.5290, 65.5130

Complementary

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



122.8600, -62.1070, -102.4510



83.1400, 62.1070, 102.4510

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.



139.2350, 62.7970, 89.9410



122.8600, -62.1070, -102.4510



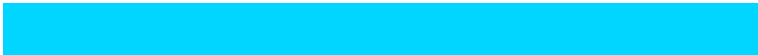
129.4470, -128.8800, -10.1280

Square

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



122.8600, -62.1070, -102.4510



154.6880, -140.7050, -32.6170



174.2160, 28.2770, 65.7570



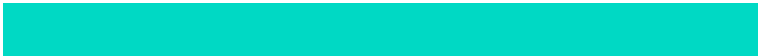
146.4350, 108.6610, 7.6130

Rectangle

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



122.8600, -62.1070, -102.4510



149.7230, -122.5910, -52.5350



174.2160, 28.2770, 65.7570



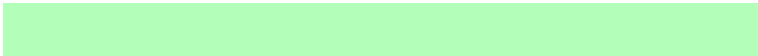
121.6010, 87.6490, 80.0730

Sweetspot

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



122.8600, -62.1070, -102.4510



224.2960, -22.8260, -37.8820



178.3300, 57.7820, -67.0340



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.



122.8600, -62.1070, -102.4510



152.0790, -76.8660, -126.8340



134.2600, -94.2070, -71.3510



97.9840, -3.0710, -4.9190



99.0380, -50.1440, -82.4640



22.6480, -11.4130, -18.9410

Inverse Universe

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



83.1400, 62.1070, 102.4510



102.9210, 76.8660, 126.8340



71.7400, 94.2070, 71.3510



96.0160, 3.0710, 4.9190



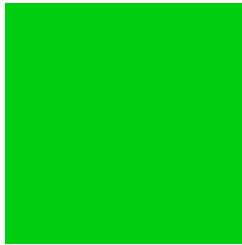
66.9620, 50.1440, 82.4640



15.3520, 11.4130, 18.9410

Previews

White Background



This preview shows how the YIQ color 122.8600, -62.1070, -102.4510 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 122.8600, -62.1070, -102.4510 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

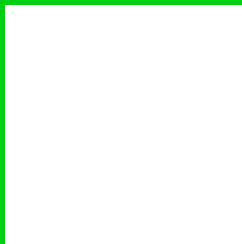
Any Text WCAG AAA ✓ Pass

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

YIQ 122.8600, -62.1070, -102.4510 Background



This preview shows how black text looks on a background with the YIQ color 122.8600, -62.1070, -102.4510.



This preview shows how white text looks on a background with the YIQ color 122.8600, -62.1070, -102.4510.

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

122.8600, -62.1070, -102.4510

Protanopia

162.8130, 70.2040, -49.8600

Deuteranopia

169.4660, 70.7040, -25.8720



Tritanopia

162.0160, -67.9910, -17.8070

Trichromacy



Original Color

122.8600, -62.1070, -102.4510



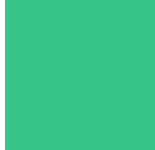
Protanomaly

148.4260, 22.3410, -69.0110



Deuteranomaly

152.5100, 22.7050, -53.5750



Tritanomaly

147.8160, -65.6930, -48.4530

Monochromacy



Original Color

122.8600, -62.1070, -102.4510



Achromatopsia

123.0000, -0.0000, -0.0000



Achromatomaly

122.7090, -22.5510, -37.3590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8600, -62.1070, -102.4510 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(0, 206, 17)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 17)  
}
```

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, 206, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 17) }
```

Border

The CSS property to change the border of an element to YIQ 122.8600, -62.1070, -102.4510 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(0, 206, 17) }
```


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

```
.border{ border-color:rgb(0, 206, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 206, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 17);  
box-shadow:4px 4px 4px 4px rgb(0, 206, 17)  
}
```

Background

The CSS property to change the background color of an element to YIQ 122.8600, -62.1070, -102.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 17) }
```

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

```
.background{ background-color: rgb(0, 206,  
17) }
```

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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