

Converting Colors

YIQ(130.8840, -62.6550,
-114.5510)

Have a look what the booklet for
YIQ(130.8840, -62.6550, -114.5510)
contains.

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Color

**YIQ(130.8840, -62.6550,
-114.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	00DE05
RGB	0, 222, 5
RGB Percent	0%, 87%, 2%
CMY	1.0000, 0.1290, 0.9804
CMYK	1.00, 0.00, 0.98, 0.13
HSL	121°, 100%, 44%
HSV	121°, 100%, 87%
XYZ	26.1732, 52.3027, 8.8590
YIQ	130.8840, -62.6550, -114.5510

Conversions

Conversions Part 2

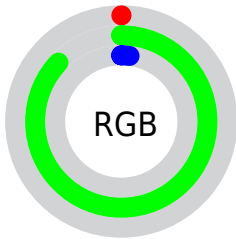
Format	Color
RYB	0, 217, 222
Decimal	56837
CIELab	77.46, -77.56, 74.48
CIELCh	77, 107.526, 136.161
Yxy	52.3027, 0.2997, 0.5989
Android (android.graphics.Color)	4278246917 (0xFF00DE05)
YUV	130.8840, -62.0608, -114.7853
Hunter-Lab	72.3206, -61.9611, 43.3617

Details

The YIQ color **130.8840, -62.6550, -114.5510** 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 **91.1160, 62.6550, 114.5510**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.7920, -31.8960, -82.7760**, and **96.8550, -45.3750, -86.2950** is the 20% darker color. If you saturate the color by 10%, you get **130.8840, -62.6550, -114.5510**, and if you desaturate by 10%, it is **139.9700, -56.6050, -103.0450**.

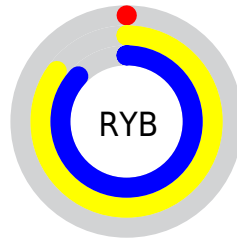
Distribution



Red (0%)

Green (87%)

Blue (2%)



Red (0%)

Yellow (85%)

Blue (87%)

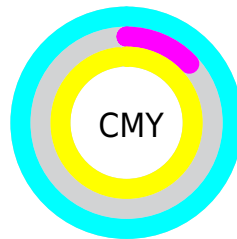


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (13%)



Cyan (100%)

Magenta (13%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.8840, -62.6550, -114.5510 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 130.8840, -62.6550, -114.5510 by changing the saturation by 10% instead.

■ 130.8840,
-62.6550, -114.5510

■ 130.8840,
-62.6550, -114.5510

■ 255.0000, -0.0000,
-0.0000

■ 113.2910,
-53.0750, -100.9390

■ 192.7920,
-31.8960, -82.7760

■ 96.8550, -45.3750,
-86.2950

■ 206.2640,
-20.9410, -66.5490

■ 80.4190, -37.6750,
-71.6510

■ 219.1380,
-11.1780, -50.7460

■ 64.5700, -30.2500,
-57.5300

■ 232.0120, -1.4150,
-34.9430

■ 49.3080, -23.1000,
-43.9320

■ 244.8860, 8.3480,
-19.1400

■ 35.2200, -16.5000,
-31.3800

■ 252.4920, 7.0620,

■ 19.3710, -9.0750,

-6.8420

-17.2590

■ 0.0000, 0.0000,
0.0000

■ 130.8840,
-62.6550, -114.5510

■ 139.9700,
-56.6050, -103.0450

■ 148.9420,
-50.2340, -91.8500

■ 158.3270,
-43.5880, -80.1320

■ 167.4130,
-37.5380, -68.6260

■ 176.4990,
-31.4880, -57.1200

■ 185.4710,
-25.1170, -45.9250

■ 194.5570,
-19.0670, -34.4190

■ 203.9420,
-12.4210, -22.7010

■ 212.9140, -6.0500,
-11.5060

Harmonies

Analogous

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



173.2800, 52.0510, -67.7970



130.8840, -62.6550, -114.5510



151.5570, -108.4650, -77.2730

Triad

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



130.8840, -62.6550, -114.5510



156.4490, -141.5300, -34.1860



124.8320, 90.9520, 69.7680

Complementary

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



130.8840, -62.6550, -114.5510



91.1160, 62.6550, 114.5510

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.



143.1620, 55.8730, 94.2810



130.8840, -62.6550, -114.5510



138.2520, -133.0050, -17.9730

Square

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



130.8840, -62.6550, -114.5510



164.6670, -145.3800, -41.5080



183.9730, 33.2750, 63.2830



150.8860, 105.7730, 4.8850

Rectangle

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



130.8840, -62.6550, -114.5510



161.2980, -131.7600, -57.0720



183.9730, 33.2750, 63.2830



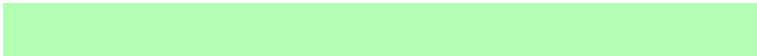
121.4360, 83.9800, 85.9960

Sweetspot

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



130.8840, -62.6550, -114.5510



223.7260, -21.2210, -39.4370



195.4960, 68.8780, -69.8900



109.1160, -12.9710, -23.7470



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.



130.8840, -62.6550, -114.5510



150.3690, -72.0510, -131.4990



143.4240, -97.9650, -80.3410



107.4570, -3.0250, -5.7530



103.7680, -49.6840, -90.8040



28.2900, -13.5210, -24.7930

Inverse Universe

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



91.1160, 62.6550, 114.5510



104.6310, 72.0510, 131.4990



78.5760, 97.9650, 80.3410



105.5430, 3.0250, 5.7530



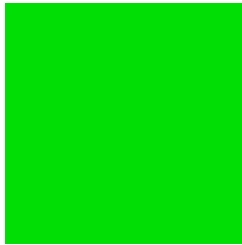
72.2320, 49.6840, 90.8040



19.7100, 13.5210, 24.7930

Previews

White Background



This preview shows how the YIQ color 130.8840, -62.6550, -114.5510 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 130.8840, -62.6550, -114.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

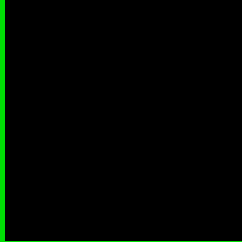
Any Text WCAG AA ✓ Pass

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 130.8840, -62.6550, -114.5510 Background



This preview shows how black text looks on a background with the YIQ color 130.8840, -62.6550, -114.5510.

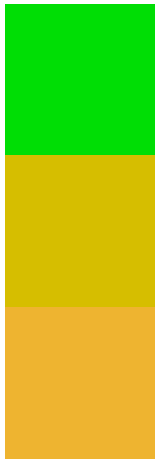


This preview shows how white text looks on a background with the YIQ color 130.8840, -62.6550, -114.5510.

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

130.8840, -62.6550, -114.5510

Protanopia

175.5160, 75.2940, -54.0020

Deuteranopia

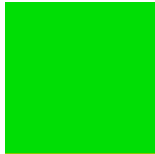
182.2940, 76.9400, -28.7560



Tritanopia

174.1510, -72.8050, -18.6690

Trichromacy



Original Color

130.8840, -62.6550, -114.5510



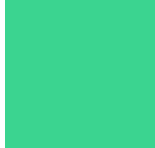
Protanomaly

159.4660, 24.8640, -76.1920



Deuteranomaly

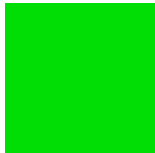
163.2620, 26.0990, -60.0210



Tritanomaly

158.5010, -69.3600, -53.5840

Monochromacy



Original Color

130.8840, -62.6550, -114.5510



Achromatopsia

131.0000, -0.0000, -0.0000



Achromatomaly

130.7750, -22.9170, -41.7410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.8840, -62.6550, -114.5510 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, 222, 5)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 5)  
}
```

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, 222, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 5) }
```

Border

The CSS property to change the border of an element to YIQ 130.8840, -62.6550, -114.5510 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, 222, 5) }
```


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

```
.border{ border-color:rgb(0, 222, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 222, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 222, 5); box-shadow:4px  
4px 4px 4px rgb(0, 222, 5) }
```

Background

The CSS property to change the background color of an element to YIQ 130.8840, -62.6550, -114.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 5) }
```

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

```
.background{ background-color: rgb(0, 222,  
5) }
```

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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