

Converting Colors

YIQ(137.8300, -62.5630,
-116.2190)

Have a look what the booklet for
YIQ(137.8300, -62.5630, -116.2190)
contains.

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Color

**YIQ(137.8300, -62.5630,
-116.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	06E609
RGB	6, 230, 9
RGB Percent	2%, 90%, 4%
CMY	0.9771, 0.0977, 0.9647
CMYK	0.97, 0.00, 0.96, 0.10
HSL	121°, 95%, 46%
HSV	121°, 97%, 90%
XYZ	28.4450, 56.7030, 9.7035
YIQ	137.8300, -62.5630, -116.2190

Conversions

Conversions Part 2

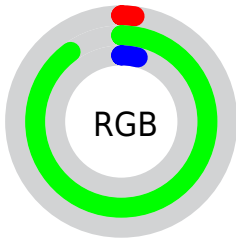
Format	Color
RYB	6, 227, 230
Decimal	452105
CIELab	80.01, -79.40, 76.20
CIELCh	80, 110.052, 136.177
Yxy	56.7030, 0.2999, 0.5978
Android (android.graphics.Color)	4278642185 (0xFF06E609)
YUV	137.8300, -63.5132, -115.6149
Hunter-Lab	75.3014, -64.3493, 45.0708

Details

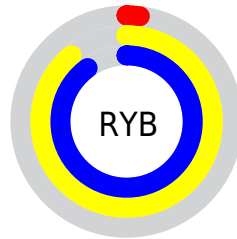
The YIQ color **137.8300, -62.5630, -116.2190** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **98.1700, 62.5630, 116.2190**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.9170, -30.7500, -81.5180**, and **101.5510, -47.5750, -90.4790** is the 20% darker color. If you saturate the color by 10%, you get **135.3520, -64.2130, -119.3570**, and if you desaturate by 10%, it is **147.3290, -56.2380, -104.1900**.

Distribution



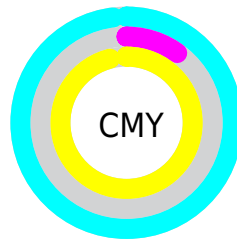
- Red (2%)
- Green (90%)
- Blue (4%)



- Red (2%)
- Yellow (89%)
- Blue (90%)



- Cyan (97%)
- Magenta (0%)
- Yellow (96%)
- Black (10%)



- Cyan (98%)
- Magenta (10%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8300, -62.5630, -116.2190 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 137.8300, -62.5630, -116.2190 by changing the saturation by 10% instead.

■ 137.8300,
-62.5630, -116.2190

■ 137.8300,
-62.5630, -116.2190

■ 255.0000, -0.0000,
-0.0000

■ 117.9870,
-55.2750, -105.1230

■ 193.9170,
-30.7500, -81.5180

■ 101.5510,
-47.5750, -90.4790

■ 207.5030,
-20.1160, -64.9800

■ 85.1150, -39.8750,
-75.8350

■ 220.6760, -9.7570,
-48.9650

■ 69.2660, -32.4500,
-61.7140

■ 233.5500, 0.0060,
-33.1620

■ 53.4170, -25.0250,
-47.5930

■ 246.5380, 9.4480,
-17.0480

■ 38.7420, -18.1500,
-34.5180

■ 252.9480, 5.7780,

■ 23.4800, -11.0000,

-5.5980

-20.9200

■ 0.0000, 0.0000,
0.0000

■ 137.8300,
-62.5630, -116.2190

■ 137.8300,
-62.5630, -116.2190

■ 135.3520,
-64.2130, -119.3570

■ 147.3290,
-56.2380, -104.1900

■ 156.7140,
-49.5920, -92.4720

■ 166.2130,
-43.2670, -80.4430

■ 175.7120,
-36.9420, -68.4140

■ 185.0970,
-30.2960, -56.6960

■ 194.5960,
-23.9710, -44.6670

■ 204.0950,
-17.6460, -32.6380

■ 213.4800,
-11.0000, -20.9200

■ 222.9790, -4.6750,
-8.8910

Harmonies

Analogous

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



180.0690, 54.0230, -70.4970



137.8300, -62.5630, -116.2190



156.8230, -112.2700, -79.9020

Triad

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



137.8300, -62.5630, -116.2190



160.5580, -143.4550, -37.8470



127.7500, 88.2470, 69.2310

Complementary

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



137.8300, -62.5630, -116.2190



98.1700, 62.5630, 116.2190

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.



146.4220, 52.2050, 94.6770



137.8300, -62.5630, -116.2190



141.7740, -134.6550, -21.1110

Square

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



137.8300, -62.5630, -116.2190



169.3630, -147.5800, -45.6920



186.9080, 31.9000, 60.6680



154.1630, 103.4350, 3.2030

Rectangle

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



137.8300, -62.5630, -116.2190



166.9060, -136.5280, -58.7680



186.9080, 31.9000, 60.6680



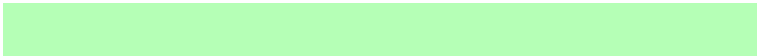
124.5820, 80.6330, 86.0810

Sweetspot

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



137.8300, -62.5630, -116.2190



224.5520, -20.6710, -38.3910



204.4640, 71.9040, -69.6640



109.5290, -12.6960, -23.2240



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.



137.8300, -62.5630, -116.2190



150.1410, -71.4090, -132.1210



150.2560, -97.5520, -82.3200



110.0440, -3.3000, -6.2760



105.4150, -50.1880, -92.6840



30.0510, -14.3460, -26.3620

Inverse Universe

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



98.1700, 62.5630, 116.2190



104.8590, 71.4090, 132.1210



85.7440, 97.5520, 82.3200



107.9560, 3.3000, 6.2760



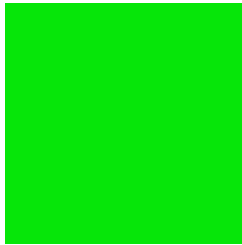
73.5850, 50.1880, 92.6840



20.9490, 14.3460, 26.3620

Previews

White Background



This preview shows how the YIQ color 137.8300, -62.5630, -116.2190 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 137.8300, -62.5630, -116.2190 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

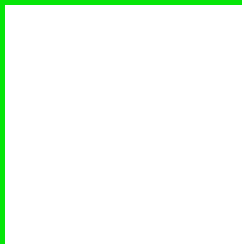
Any Text WCAG AAA ✓ Pass

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

YIQ 137.8300, -62.5630, -116.2190 Background



This preview shows how black text looks on a background with the YIQ color 137.8300, -62.5630, -116.2190.



This preview shows how white text looks on a background with the YIQ color 137.8300, -62.5630, -116.2190.

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

137.8300, -62.5630, -116.2190

Protanopia

182.0170, 78.1370, -55.9670

Deuteranopia

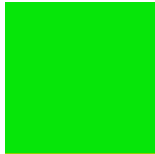
188.7350, 80.0120, -29.3640



Tritanopia

180.9550, -75.1890, -19.5170

Trichromacy



Original Color

137.8300, -62.5630, -116.2190



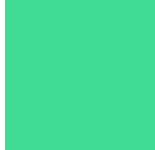
Protanomaly

165.7820, 26.7900, -78.0580



Deuteranomaly

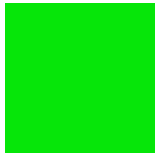
170.1050, 27.9790, -61.0530



Tritanomaly

165.3760, -70.5060, -54.8420

Monochromacy



Original Color

137.8300, -62.5630, -116.2190



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

137.6610, -22.5960, -42.0520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8300, -62.5630, -116.2190 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(6, 230, 9)` looks like.

```
.text, #text, p{  
    color:rgb(6, 230, 9)  
}
```

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(6, 230, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 230, 9) }
```

Border

The CSS property to change the border of an element to YIQ 137.8300, -62.5630, -116.2190 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(6, 230, 9) }
```


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

```
.border{ border-color:rgb(6, 230, 9) }
```

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

Here you see how a box with a 4 pixel rgb(6, 230, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 230, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 230, 9); box-shadow:4px  
4px 4px 4px rgb(6, 230, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8300, -62.5630, -116.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 230, 9) }
```

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

```
.background{ background-color: rgb(6, 230,  
9) }
```

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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