

Converting Colors

YIQ(143.8340, -50.0500,
-95.1860)

Have a look what the booklet for
YIQ(143.8340, -50.0500, -95.1860)
contains.

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Color

**YIQ(143.8340, -50.0500,
-95.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	25DB25
RGB	37, 219, 37
RGB Percent	15%, 86%, 15%
CMY	0.8554, 0.1409, 0.8549
CMYK	0.83, 0.00, 0.83, 0.14
HSL	120°, 72%, 50%
HSV	120°, 83%, 86%
XYZ	26.4430, 51.2269, 10.2432
YIQ	143.8340, -50.0500, -95.1860

Conversions

Conversions Part 2

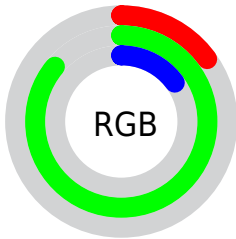
Format	Color
R _Y B	37, 219, 219
Decimal	2480933
CIE Lab	76.82, -73.66, 69.07
CIE LCh	77, 100.977, 136.844
Yxy	51.2269, 0.3008, 0.5827
Android (android.graphics.Color)	4280671013 (0xFF25DB25)
YUV	143.8340, -52.6692, -93.6934
Hunter-Lab	71.5730, -59.3050, 41.6158

Details

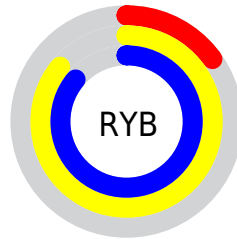
The YIQ color **143.8340, -50.0500, -95.1860** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **112.1660, 50.0500, 95.1860**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5520, -30.9800, -77.3480**, and **95.0940, -44.5500, -84.7260** is the 20% darker color. If you saturate the color by 10%, you get **134.7480, -56.1000, -106.6920**, and if you desaturate by 10%, it is **152.9200, -44.0000, -83.6800**.

Distribution



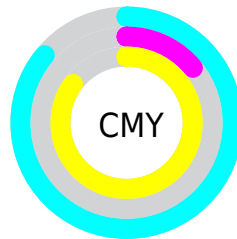
- Red (15%)
- Green (86%)
- Blue (15%)



- Red (15%)
- Yellow (86%)
- Blue (86%)



- Cyan (83%)
- Magenta (0%)
- Yellow (83%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.8340, -50.0500, -95.1860 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 143.8340, -50.0500, -95.1860 by changing the saturation by 10% instead.

■ 143.8340,
-50.0500, -95.1860

■ 143.8340,
-50.0500, -95.1860

■ 255.0000, -0.0000,
-0.0000

■ 111.5300,
-52.2500, -99.3700

■ 196.5520,
-30.9800, -77.3480

■ 95.0940, -44.5500,
-84.7260

■ 209.4260,
-21.2170, -61.5450

■ 79.2450, -37.1250,
-70.6050

■ 222.3000,
-11.4540, -45.7420

■ 63.3960, -29.7000,
-56.4840

■ 234.7610, -1.9660,
-30.4620

■ 48.1340, -22.5500,
-42.8860

■ 247.6350, 7.7970,
-14.6590

■ 34.0460, -15.9500,
-30.3340

■ 253.7460, 3.5310,

■ 18.7840, -8.8000,

-3.4210

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 143.8340,
-50.0500, -95.1860

■ 143.8340,
-50.0500, -95.1860

■ 134.7480,
-56.1000, -106.6920

■ 152.9200,
-44.0000, -83.6800

■ 128.5530,
-60.2250, -114.5370

■ 162.0060,
-37.9500, -72.1740

■ 171.0920,
-31.9000, -60.6680

■ 179.8790,
-26.4460, -49.3740

■ 188.8510,
-20.0750, -38.1790

■ 197.9370,
-14.0250, -26.6730

■ 207.0230, -7.9750,
-15.1670

■ 216.1090, -1.9250,
-3.6610

■ 225.1950, 4.1250,
7.8450

Harmonies

Analogous

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



171.5080, 51.4090, -67.1750



143.8340, -50.0500, -95.1860



150.2520, -108.9240, -74.4600

Triad

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



143.8340, -50.0500, -95.1860



154.1010, -140.4300, -32.0940



136.4580, 85.7730, 58.9970

Complementary

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



143.8340, -50.0500, -95.1860



112.1660, 50.0500, 95.1860

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.



151.1690, 53.9950, 84.2590



143.8340, -50.0500, -95.1860



146.3580, -112.5120, -9.4080

Square

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



143.8340, -50.0500, -95.1860



162.3190, -144.2800, -39.4160



185.1470, 32.7250, 62.2370



155.3200, 101.5550, 4.2350

Rectangle

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



143.8340, -50.0500, -95.1860



158.8360, -130.3390, -55.2910



185.1470, 32.7250, 62.2370



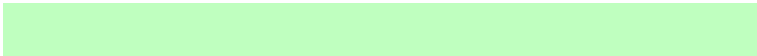
135.1820, 78.3430, 72.5110

Sweetspot

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



143.8340, -50.0500, -95.1860



228.5680, -17.6000, -33.4720



198.2520, 58.4220, -56.6020



111.8930, -10.7250, -20.3970



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.



143.8340, -50.0500, -95.1860



149.6850, -70.1250, -133.3650



154.2080, -79.2610, -66.8850



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.



112.1660, 50.0500, 95.1860



105.3150, 70.1250, 133.3650



101.7920, 79.2610, 66.8850



103.5430, 3.0250, 5.7530



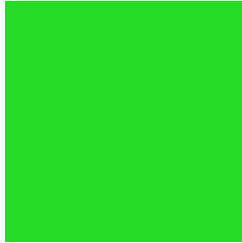
71.4490, 47.5750, 90.4790



18.9980, 12.6500, 24.0580

Previews

White Background



This preview shows how the YIQ color 143.8340, -50.0500, -95.1860 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 143.8340, -50.0500, -95.1860 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 143.8340, -50.0500, -95.1860 Background



This preview shows how black text looks on a background with the YIQ color 143.8340, -50.0500, -95.1860.



This preview shows how white text looks on a background with the YIQ color 143.8340, -50.0500, -95.1860.

-95.1860.

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

143.8340, -50.0500, -95.1860

Protanopia

176.9360, 65.6640, -44.6720

Deuteranopia

181.4770, 72.1710, -24.9250



Tritanopia

173.8310, -68.9080, -17.7080

Trichromacy



Original Color

143.8340, -50.0500, -95.1860



Protanomaly

164.5990, 23.5320, -63.0600



Deuteranomaly

167.8420, 27.7020, -50.5220



Tritanomaly

162.5500, -61.8880, -45.8240

Monochromacy



Original Color

143.8340, -50.0500, -95.1860



Achromatopsia

144.0000, -0.0000, 0.0000



Achromatomaly

143.7420, -18.1500, -34.5180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.8340, -50.0500, -95.1860 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(37, 219, 37)` looks like.

```
.text, #text, p{  
    color:rgb(37, 219, 37)  
}
```

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(37, 219, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 219, 37) }
```

Border

The CSS property to change the border of an element to YIQ 143.8340, -50.0500, -95.1860 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(37, 219, 37) }
```


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

```
.border{ border-color:rgb(37, 219, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 219, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 219, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 219, 37);  
box-shadow:4px 4px 4px 4px rgb(37, 219,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 143.8340, -50.0500, -95.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 219, 37) }
```

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

```
.background{ background-color: rgb(37, 219,  
37) }
```

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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