

Converting Colors

YIQ(148.2980, -54.9530,
-110.9610)

Have a look what the booklet for
YIQ(148.2980, -54.9530, -110.9610)
contains.

YIQ(148.2980, -54.9530, -110.9610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(148.2980, -54.9530,
-110.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	1BEB14
RGB	27, 235, 20
RGB Percent	11%, 92%, 8%
CMY	0.8947, 0.0781, 0.9215
CMYK	0.89, 0.00, 0.91, 0.08
HSL	118°, 84%, 50%
HSV	118°, 91%, 92%
XYZ	30.3071, 59.7477, 10.5963
YIQ	148.2980, -54.9530, -110.9610

Conversions

Conversions Part 2

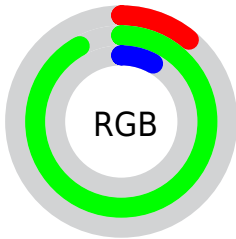
Format	Color
R_{YB}	20, 235, 228
Decimal	1829652
CIE _{Lab}	81.70, -79.53, 76.46
CIE _{LCh}	82, 110.323, 136.131
Yxy	59.7477, 0.3011, 0.5936
Android (android.graphics.Color)	4280019732 (0xFF1BEB14)
YUV	148.2980, -63.2509, -106.3783
Hunter-Lab	77.2966, -65.2813, 45.9798

Details

The YIQ color **148.2980, -54.9530, -110.9610** 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 **106.7020, 54.9530, 110.9610**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **195.9820, -29.3750, -78.9030**, and **103.8990, -48.6750, -92.5710** is the 20% darker color. If you saturate the color by 10%, you get **140.0380, -60.4530, -121.4210**, and if you desaturate by 10%, it is **157.9110, -48.9490, -98.6210**.

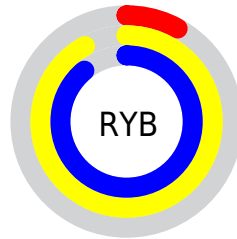
Distribution



Red (11%)

Green (92%)

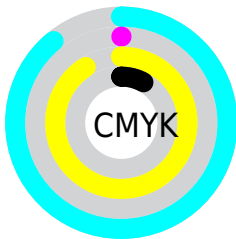
Blue (8%)



Red (8%)

Yellow (92%)

Blue (89%)

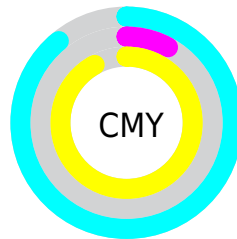


Cyan (89%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (89%)

Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.2980, -54.9530, -110.9610 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 148.2980, -54.9530, -110.9610 by changing the saturation by 10% instead.

■ 148.2980,
-54.9530, -110.9610

■ 148.2980,
-54.9530, -110.9610

■ 255.0000, -0.0000,
-0.0000

■ 120.9220,
-56.6500, -107.7380

■ 195.9820,
-29.3750, -78.9030

■ 103.8990,
-48.6750, -92.5710

■ 209.4540,
-18.4200, -62.6760

■ 88.0500, -41.2500,
-78.4500

■ 222.6270, -8.0610,
-46.6610

■ 71.6140, -33.5500,
-63.8060

■ 235.6150, 1.3810,
-30.5470

■ 55.7650, -26.1250,
-49.6850

■ 248.4890, 11.1440,
-14.7440

■ 41.0900, -19.2500,
-36.6100

■ 253.4040, 4.4940,

■ 25.8280, -12.1000,

-4.3540

-23.0120

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 148.2980,
-54.9530, -110.9610

■ 148.2980,
-54.9530, -110.9610

■ 140.0380,
-60.4530, -121.4210

■ 157.9110,
-48.9490, -98.6210

■ 167.1110,
-43.2200, -86.8040

■ 176.7240,
-37.2160, -74.4640

■ 186.2230,
-30.8910, -62.4350

■ 195.8360,
-24.8870, -50.0950

■ 205.0360,
-19.1580, -38.2780

■ 214.6490,
-13.1540, -25.9380

■ 224.1480, -6.8290,
-13.9090

■ 233.7610, -0.8250,
-1.5690

Harmonies

Analogous

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



184.4990, 55.6280, -72.0520



148.2980, -54.9530, -110.9610



160.3280, -115.2500, -80.9620

Triad

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



148.2980, -54.9530, -110.9610



163.4930, -144.8300, -40.4620



133.0160, 84.4420, 66.6020

Complementary

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



148.2980, -54.9530, -110.9610



106.7020, 54.9530, 110.9610

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.



151.1010, 48.6750, 92.5710



148.2980, -54.9530, -110.9610



144.7090, -136.0300, -23.7260

Square

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



148.2980, -54.9530, -110.9610



172.2980, -148.9550, -48.3070



189.8430, 30.5250, 58.0530



157.0810, 100.7300, 2.6660

Rectangle

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



148.2980, -54.9530, -110.9610



170.2970, -139.1870, -60.1390



189.8430, 30.5250, 58.0530



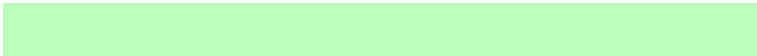
131.0220, 76.2780, 82.4060

Sweetspot

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



148.2980, -54.9530, -110.9610



227.1010, -17.7830, -35.6630



206.3810, 70.9400, -63.2040



111.3660, -10.6790, -21.2310



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.



148.2980, -54.9530, -110.9610



152.0770, -65.3570, -131.6690



157.6050, -91.2250, -81.3450



112.4570, -3.0250, -5.7530



108.0410, -46.1990, -93.3910



32.2960, -13.6580, -27.8180

Inverse Universe

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



106.7020, 54.9530, 110.9610



102.9230, 65.3570, 131.6690



97.3950, 91.2250, 81.3450



110.5430, 3.0250, 5.7530



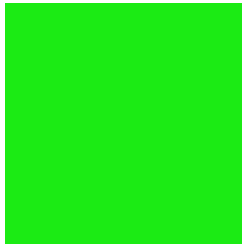
72.9590, 46.1990, 93.3910



21.7040, 13.6580, 27.8180

Previews

White Background



This preview shows how the YIQ color 148.2980, -54.9530, -110.9610 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 148.2980, -54.9530, -110.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

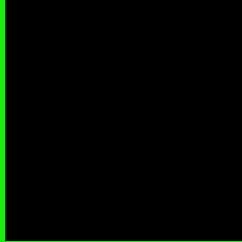
Any Text WCAG AA ✓ Pass

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 148.2980, -54.9530, -110.9610 Background



This preview shows how black text looks on a background with the YIQ color 148.2980, -54.9530, -110.9610.



This preview shows how white text looks on a background with the YIQ color 148.2980, -54.9530, -110.9610.

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

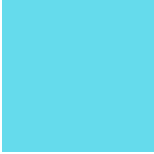
148.2980, -54.9530, -110.9610

Protanopia

186.4470, 79.7420, -57.5220

Deuteranopia

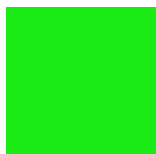
193.6210, 80.3330, -29.6750



Tritanopia

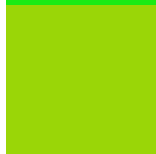
185.6560, -75.7850, -19.7290

Trichromacy



Original Color

148.2980, -54.9530, -110.9610



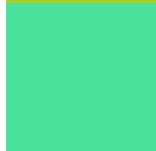
Protanomaly

172.4620, 30.6870, -77.0970



Deuteranomaly

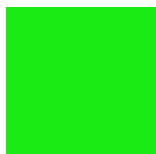
177.1270, 30.9130, -59.1590



Tritanomaly

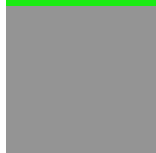
172.0990, -68.1680, -53.1600

Monochromacy



Original Color

148.2980, -54.9530, -110.9610



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.2700, -19.9370, -40.6810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.2980, -54.9530, -110.9610 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(27, 235, 20)` looks like.

```
.text, #text, p{  
    color:rgb(27, 235, 20)  
}
```

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(27, 235, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 235, 20) }
```

Border

The CSS property to change the border of an element to YIQ 148.2980, -54.9530, -110.9610 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(27, 235, 20) }
```


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

```
.border{ border-color:rgb(27, 235, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 235, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 235, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 235, 20);  
box-shadow:4px 4px 4px 4px rgb(27, 235,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 148.2980, -54.9530, -110.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 235, 20) }
```

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

```
.background{ background-color: rgb(27, 235,  
20) }
```

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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