

Converting Colors

YIQ(154.7080, -59.7640,
-128.4040)

Have a look what the booklet for
YIQ(154.7080, -59.7640, -128.4040)
contains.

YIQ(154.7080, -59.7640, -128.4040)	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(154.7080, -59.7640,
-128.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	12FE02
RGB	18, 254, 2
RGB Percent	7%, 100%, 1%
CMY	0.9301, 0.0035, 0.9920
CMYK	0.93, 0.00, 0.99, 0.00
HSL	116°, 99%, 50%
HSV	116°, 99%, 100%
XYZ	35.7300, 71.0774, 11.8933
YIQ	154.7080, -59.7640, -128.4040

Conversions

Conversions Part 2

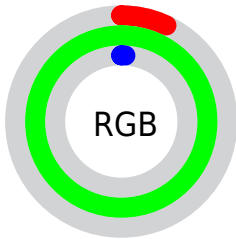
Format	Color
R_{YB}	2, 254, 238
Decimal	1244674
CIE _{Lab}	87.52, -85.36, 82.88
CIE _{LCh}	88, 118.979, 135.844
Yxy	71.0774, 0.3010, 0.5988
Android (android.graphics.Color)	4279434754 (0xFF12FE02)
YUV	154.7080, -75.2850, -119.8929
Hunter-Lab	84.3074, -71.8885, 50.6511

Details

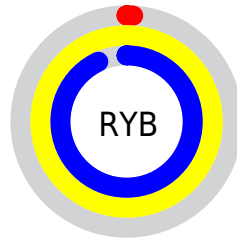
The YIQ color **154.7080, -59.7640, -128.4040** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **101.2920, 59.7640, 128.4040**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6510, -26.9450, -78.8890**, and **114.4650, -53.6250, -101.9850** is the 20% darker color. If you saturate the color by 10%, you get **153.8820, -60.3140, -129.4500**, and if you desaturate by 10%, it is **164.7340, -53.4850, -115.5410**.

Distribution



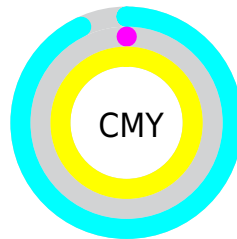
- Red (7%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (93%)



- Cyan (93%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.7080, -59.7640, -128.4040 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 154.7080, -59.7640, -128.4040 by changing the saturation by 10% instead.

■ 154.7080,
-59.7640, -128.4040

■ 154.7080,
-59.7640, -128.4040

■ 255.0000, -0.0000,
-0.0000

■ 132.0750,
-61.8750, -117.6750

■ 196.6510,
-26.9450, -78.8890

■ 114.4650,
-53.6250, -101.9850

■ 210.9490,
-15.4400, -61.6160

■ 98.0290, -45.9250,
-87.3410

■ 224.2360, -5.4020,
-45.2900

■ 81.5930, -38.2250,
-72.6970

■ 237.5230, 4.6360,
-28.9640

■ 65.7440, -30.8000,
-58.5760

■ 250.2120, 13.4820,
-13.0620

■ 49.8950, -23.3750,
-44.4550

■ 253.6320, 3.8520,

■ 35.2200, -16.5000,

-3.7320

-31.3800

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 154.7080,
-59.7640, -128.4040

■ 154.7080,
-59.7640, -128.4040

■ 153.8820,
-60.3140, -129.4500

■ 164.7340,
-53.4850, -115.5410

■ 174.5750,
-48.1230, -102.5790

■ 184.6010,
-41.8440, -89.7160

■ 194.7410,
-35.8860, -76.5420

■ 204.7670,
-29.6070, -63.6790

■ 214.7930,
-23.3280, -50.8160

■ 224.9330,
-17.3700, -37.6420

■ 234.6600,
-11.6870, -24.9910

■ 244.8000, -5.7290,
-11.8170

Harmonies

Analogous

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



199.2620, 60.4890, -77.5510



154.7080, -59.7640, -128.4040



167.9250, -121.4850, -83.6050

Triad

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



154.7080, -59.7640, -128.4040



174.6460, -150.0550, -50.3990



133.2100, 81.1400, 71.3800

Complementary

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



154.7080, -59.7640, -128.4040



101.2920, 59.7640, 128.4040

Split Complementary

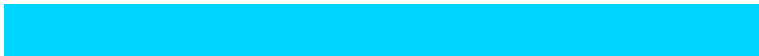
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



151.6880, 48.4000, 92.0480



154.7080, -59.7640, -128.4040



154.1010, -140.4300, -32.0940

Square

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



154.7080, -59.7640, -128.4040



178.7550, -151.9800, -54.0600



196.3000, 27.5000, 52.3000



162.0050, 97.8880, -0.8960

Rectangle

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



154.7080, -59.7640, -128.4040



176.9310, -146.8440, -59.0360



196.3000, 27.5000, 52.3000



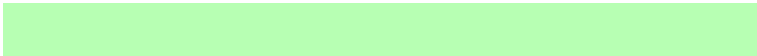
129.2100, 73.1130, 90.2090

Sweetspot

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



154.7080, -59.7640, -128.4040



224.8080, -18.5160, -38.9000



215.2930, 85.5670, -69.4810



109.6000, -11.4580, -23.6340



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.



154.7080, -59.7640, -128.4040



154.4690, -60.5890, -129.9730



162.3500, -104.2890, -97.8970



122.9300, -2.9790, -6.5870



115.7050, -45.3730, -97.3490



38.7640, -15.2160, -32.6240

Inverse Universe

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



101.2920, 59.7640, 128.4040



100.5310, 60.5890, 129.9730



93.6500, 104.2890, 97.8970



120.0700, 2.9790, 6.5870



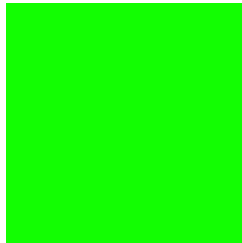
75.2950, 45.3730, 97.3490



25.2360, 15.2160, 32.6240

Previews

White Background



This preview shows how the YIQ color 154.7080, -59.7640, -128.4040 looks on a white background.

Color Contrast Check

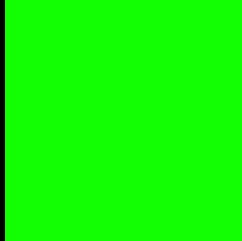
Large Text (above 18pt) WCAG AA × Fail

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 154.7080, -59.7640, -128.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

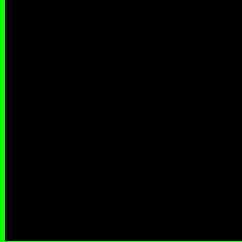
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

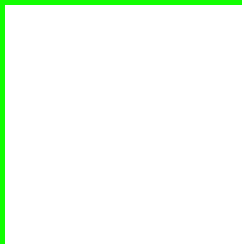
Any Text WCAG AAA ✓ Pass

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

YIQ 154.7080, -59.7640, -128.4040 Background



This preview shows how black text looks on a background with the YIQ color 154.7080, -59.7640, -128.4040.



This preview shows how white text looks on a background with the YIQ color 154.7080, -59.7640, -128.4040.

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

154.7080, -59.7640, -128.4040

Protanopia

201.2210, 86.0700, -62.0740

Deuteranopia

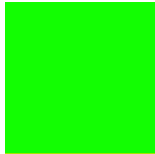
215.4750, 49.2900, -12.2300



Tritanopia

200.1930, -81.7910, -21.0150

Trichromacy



Original Color

154.7080, -59.7640, -128.4040



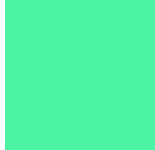
Protanomaly

184.1490, 32.7060, -86.1580



Deuteranomaly

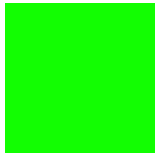
193.4530, 9.6840, -54.3800



Tritanomaly

183.9470, -73.8520, -60.2840

Monochromacy



Original Color

154.7080, -59.7640, -128.4040



Achromatopsia

155.0000, -0.0000, 0.0000



Achromatomaly

154.7980, -21.7240, -46.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.7080, -59.7640, -128.4040 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(18, 254, 2)` looks like.

```
.text, #text, p{  
    color:rgb(18, 254, 2)  
}
```

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(18, 254, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 254, 2) }
```

Border

The CSS property to change the border of an element to YIQ 154.7080, -59.7640, -128.4040 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(18, 254, 2) }
```


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

```
.border{ border-color:rgb(18, 254, 2) }
```

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

Here you see how a box with a 4 pixel rgb(18, 254, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 254, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 254, 2);  
box-shadow:4px 4px 4px 4px rgb(18, 254, 2)  
}
```

Background

The CSS property to change the background color of an element to YIQ 154.7080, -59.7640, -128.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 254, 2) }
```

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

```
.background{ background-color: rgb(18, 254,  
2) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor