

Converting Colors

YIQ(158.8120, -54.1250,
-125.9730)

Have a look what the booklet for
YIQ(158.8120, -54.1250, -125.9730)
contains.

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Color

**YIQ(158.8120, -54.1250,
-125.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	1DFF04
RGB	29, 255, 4
RGB Percent	11%, 100%, 2%
CMY	0.8870, 0.0000, 0.9842
CMYK	0.89, 0.00, 0.98, 0.00
HSL	114°, 100%, 51%
HSV	114°, 98%, 100%
XYZ	36.2836, 71.7874, 12.0587
YIQ	158.8120, -54.1250, -125.9730

Conversions

Conversions Part 2

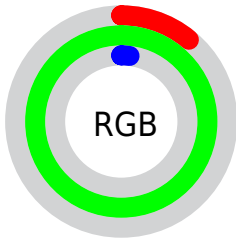
Format	Color
RYB	4, 255, 230
Decimal	1965828
CIELab	87.87, -84.99, 83.03
CIELCh	88, 118.818, 135.666
Yxy	71.7874, 0.3020, 0.5976
Android (android.graphics.Color)	4280155908 (0xFF1DFF04)
YUV	158.8120, -76.3223, -113.8451
Hunter-Lab	84.7274, -71.8324, 50.8708

Details

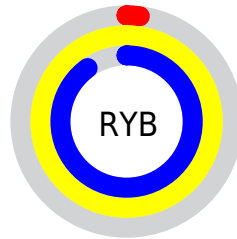
The YIQ color **158.8120, -54.1250, -125.9730** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **100.1880, 54.1250, 125.9730**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **197.9610, -24.8820, -77.7300**, and **115.0520, -53.9000, -102.5080** is the 20% darker color. If you saturate the color by 10%, you get **157.1600, -55.2250, -128.0650**, and if you desaturate by 10%, it is **168.6530, -48.7630, -113.0110**.

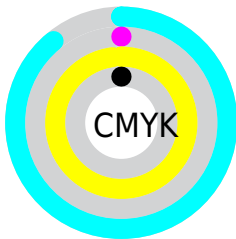
Distribution



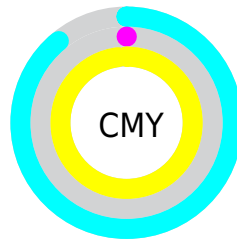
- Red (11%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (90%)



- Cyan (89%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.8120, -54.1250, -125.9730 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 158.8120, -54.1250, -125.9730 by changing the saturation by 10% instead.

■ 158.8120,
-54.1250, -125.9730

■ 158.8120,
-54.1250, -125.9730

■ 255.0000, -0.0000,
-0.0000

■ 132.0750,
-61.8750, -117.6750

■ 197.6620,
-25.4780, -77.9420

■ 115.0520,
-53.9000, -102.5080

■ 211.6610,
-14.5690, -60.8810

■ 98.6160, -46.2000,
-87.8640

■ 225.2470, -3.9350,
-44.3430

■ 82.1800, -38.5000,
-73.2200

■ 238.5340, 6.1030,
-28.0170

■ 66.3310, -31.0750,
-59.0990

■ 250.2120, 13.4820,
-13.0620

■ 50.4820, -23.6500,
-44.9780

■ 253.7460, 3.5310,

■ 35.8070, -16.7750,

-3.4210

-31.9030

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 158.8120,
-54.1250, -125.9730

■ 158.8120,
-54.1250, -125.9730

■ 157.1600,
-55.2250, -128.0650

■ 168.6530,
-48.7630, -113.0110

■ 178.3800,
-43.0800, -100.3600

■ 188.2210,
-37.7180, -87.3980

■ 197.9480,
-32.0350, -74.7470

■ 207.7890,
-26.6730, -61.7850

■ 217.5160,
-20.9900, -49.1340

■ 227.3570,
-15.6280, -36.1720

■ 237.0840, -9.9450,
-23.5210

■ 246.9250, -4.5830,
-10.5590

Harmonies

Analogous

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



200.1480, 60.8100, -77.8620



158.8120, -54.1250, -125.9730



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.



158.8120, -54.1250, -125.9730



175.2330, -150.3300, -50.9220



134.6120, 79.9480, 70.9560

Complementary

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



158.8120, -54.1250, -125.9730



100.1880, 54.1250, 125.9730

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.



153.4490, 47.5750, 90.4790



158.8120, -54.1250, -125.9730



154.6880, -140.7050, -32.6170

Square

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



158.8120, -54.1250, -125.9730



178.7550, -151.9800, -54.0600



196.8870, 27.2250, 51.7770



162.8200, 96.9710, -0.7970

Rectangle

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



158.8120, -54.1250, -125.9730



177.0450, -147.1650, -58.7250



196.8870, 27.2250, 51.7770



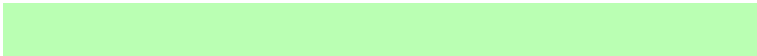
131.7860, 71.3710, 88.7390

Sweetspot

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



158.8120, -54.1250, -125.9730



225.7050, -16.7280, -38.2640



211.7110, 87.4460, -64.9860



110.1980, -10.2660, -23.2100



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.



158.8120, -54.1250, -125.9730



157.1600, -55.2250, -128.0650



162.7370, -101.1250, -100.1730



122.9300, -2.9790, -6.5870



117.7980, -41.2010, -95.8650



39.3620, -14.0240, -32.2000

Inverse Universe

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



100.1880, 54.1250, 125.9730



97.8400, 55.2250, 128.0650



96.2630, 101.1250, 100.1730



119.7710, 2.3830, 6.3750



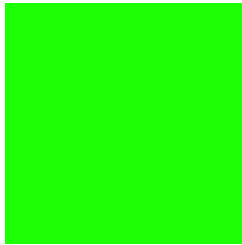
73.2020, 41.2010, 95.8650



24.3390, 13.4280, 31.9880

Previews

White Background



This preview shows how the YIQ color 158.8120, -54.1250, -125.9730 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 158.8120, -54.1250, -125.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

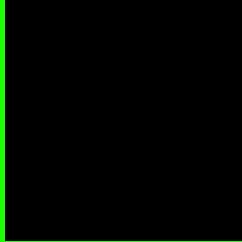
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

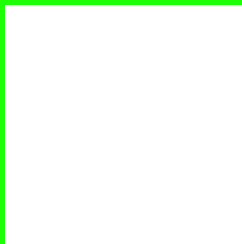
Any Text WCAG AAA ✓ Pass

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

YIQ 158.8120, -54.1250, -125.9730 Background



This preview shows how black text looks on a background with the YIQ color 158.8120, -54.1250, -125.9730.



This preview shows how white text looks on a background with the YIQ color 158.8120, -54.1250, -125.9730.

-125.9730.

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

158.8120, -54.1250, -125.9730

Protanopia

202.1070, 86.3910, -62.3850

Deuteranopia

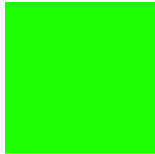
216.5180, 47.7310, -11.5090



Tritanopia

202.2860, -77.6190, -19.5310

Trichromacy



Original Color

158.8120, -54.1250, -125.9730



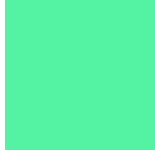
Protanomaly

186.2310, 35.4110, -85.6210



Deuteranomaly

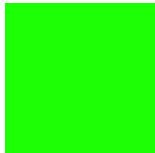
195.5780, 10.8300, -53.1220



Tritanomaly

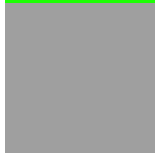
186.4530, -69.4050, -58.2770

Monochromacy



Original Color

158.8120, -54.1250, -125.9730



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

159.1080, -19.6610, -45.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.8120, -54.1250, -125.9730 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(29, 255, 4)` looks like.

```
.text, #text, p{  
    color:rgb(29, 255, 4)  
}
```

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(29, 255, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 255, 4) }
```

Border

The CSS property to change the border of an element to YIQ 158.8120, -54.1250, -125.9730 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(29, 255, 4) }
```


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

```
.border{ border-color:rgb(29, 255, 4) }
```

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

Here you see how a box with a 4 pixel rgb(29, 255, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 255, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 255, 4);  
box-shadow:4px 4px 4px 4px rgb(29, 255, 4)  
}
```

Background

The CSS property to change the background color of an element to YIQ 158.8120, -54.1250, -125.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 255, 4) }
```

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

```
.background{ background-color: rgb(29, 255,  
4) }
```

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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