

Converting Colors

YIQ(150.7520, -88.2860,
-107.0860)

Have a look what the booklet for
YIQ(150.7520, -88.2860, -107.0860)
contains.

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Color

**YIQ(150.7520, -88.2860,
-107.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	00F442
RGB	0, 244, 66
RGB Percent	0%, 96%, 26%
CMY	1.0000, 0.0427, 0.7414
CMYK	1.00, 0.00, 0.73, 0.04
HSL	136°, 100%, 48%
HSV	136°, 100%, 96%
XYZ	33.3632, 65.1555, 15.9637
YIQ	150.7520, -88.2860, -107.0860

Conversions

Conversions Part 2

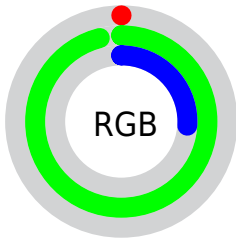
Format	Color
RYB	0, 192, 244
Decimal	62530
CIELab	84.56, -80.76, 67.93
CIELCh	85, 105.527, 139.933
Yxy	65.1555, 0.2914, 0.5691
Android (android.graphics.Color)	4278252610 (0xFF00F442)
YUV	150.7520, -41.7827, -132.2095
Hunter-Lab	80.7190, -67.4797, 44.7775

Details

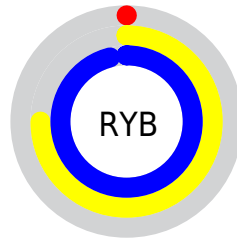
The YIQ color **150.7520, -88.2860, -107.0860** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **93.2480, 88.2860, 107.0860**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2060, -41.3890, -70.4210**, and **109.1820, -51.1500, -97.2780** is the 20% darker color. If you saturate the color by 10%, you get **150.7520, -88.2860, -107.0860**, and if you desaturate by 10%, it is **159.9800, -79.7600, -96.4000**.

Distribution



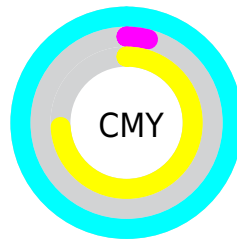
- Red (0%)
- Green (96%)
- Blue (26%)



- Red (0%)
- Yellow (75%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.7520, -88.2860, -107.0860 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 150.7520, -88.2860, -107.0860 by changing the saturation by 10% instead.

■ 150.7520,
-88.2860, -107.0860

■ 150.7520,
-88.2860, -107.0860

■ 255.0000, -0.0000,
-0.0000

■ 129.8530,
-69.3970, -102.4930

■ 198.2060,
-41.3890, -70.4210

■ 109.1820,
-51.1500, -97.2780

■ 211.8630,
-29.5170, -54.2930

■ 92.7460, -43.4500,
-82.6340

■ 225.0360,
-19.1580, -38.2780

■ 76.3100, -35.7500,
-67.9900

■ 237.9100, -9.3950,
-22.4750

■ 60.4610, -28.3250,
-53.8690

■ 250.8980, 0.0470,
-6.3610

■ 45.1990, -21.1750,
-40.2710

■ 30.5240, -14.3000,

-27.1960

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 150.7520,
-88.2860, -107.0860

■ 159.9800,
-79.7600, -96.4000

■ 169.5070,
-70.6380, -85.5020

■ 178.6210,
-61.7910, -75.1270

■ 188.1480,
-52.6690, -64.2290

■ 197.3760,
-44.1430, -53.5430

■ 206.6040,
-35.6170, -42.8570

■ 216.1310,
-26.4950, -31.9590

■ 225.2450,
-17.6480, -21.5840

■ 234.7720, -8.5260,
-10.6860

Harmonies

Analogous

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



189.7710, 51.6860, -77.7060



150.7520, -88.2860, -107.0860



168.2330, -125.1080, -78.5160

Triad

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



150.7520, -88.2860, -107.0860



165.8410, -145.9300, -42.5540



150.8710, 76.8800, 49.4560

Complementary

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



150.7520, -88.2860, -107.0860



93.2480, 88.2860, 107.0860

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.



161.5700, 45.3760, 80.7680



150.7520, -88.2860, -107.0860



181.1540, -67.7190, -0.7030

Square

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



150.7520, -88.2860, -107.0860



175.8200, -150.6050, -51.4450



192.7780, 29.1500, 55.4380



169.0490, 94.5880, -7.1720

Rectangle

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



150.7520, -88.2860, -107.0860



177.3870, -148.1280, -57.7920



192.7780, 29.1500, 55.4380



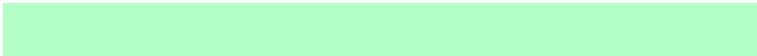
149.2360, 69.0830, 64.1150

Sweetspot

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



150.7520, -88.2860, -107.0860



225.8920, -27.3200, -33.5280



196.7490, 39.5840, -89.6640



110.3700, -16.5020, -20.3260



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.



150.7520, -88.2860, -107.0860



157.5510, -92.2740, -111.9060



164.5460, -127.1270, -69.4550



117.3860, -4.2630, -5.3430



114.8820, -67.2000, -81.7280



36.4570, -21.3610, -25.8810

Inverse Universe

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



93.2480, 88.2860, 107.0860



97.4490, 92.2740, 111.9060



79.4540, 127.1270, 69.4550



114.6140, 4.2630, 5.3430



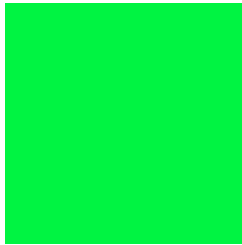
71.1180, 67.2000, 81.7280



22.5430, 21.3610, 25.8810

Previews

White Background



This preview shows how the YIQ color 150.7520, -88.2860, -107.0860 looks on a white background.

Color Contrast Check

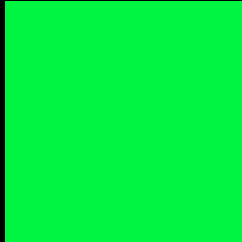
Large Text (above 18pt) WCAG AA × Fail

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 150.7520, -88.2860, -107.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

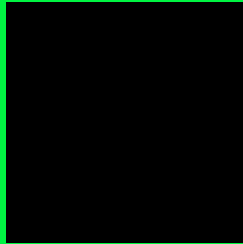
Any Text WCAG AA ✓ Pass

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 150.7520, -88.2860, -107.0860 Background



This preview shows how black text looks on a background with the YIQ color 150.7520, -88.2860, -107.0860.

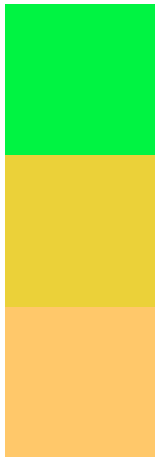


This preview shows how white text looks on a background with the YIQ color 150.7520, -88.2860, -107.0860.

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

150.7520, -88.2860, -107.0860

Protanopia

199.4460, 64.2880, -41.7600

Deuteranopia

205.7290, 62.9540, -17.5740



Tritanopia

191.7800, -82.0660, -21.5380

Trichromacy



Original Color

150.7520, -88.2860, -107.0860



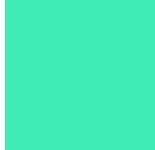
Protanomaly

182.0040, 9.0900, -65.6460



Deuteranomaly

185.6040, 7.9410, -50.3230



Tritanomaly

177.1280, -84.3070, -52.5230

Monochromacy



Original Color

150.7520, -88.2860, -107.0860



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

150.9790, -32.1790, -39.0830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.7520, -88.2860, -107.0860 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(0, 244, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 244, 66)  
}
```

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(0, 244, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 244, 66) }
```

Border

The CSS property to change the border of an element to YIQ 150.7520, -88.2860, -107.0860 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(0, 244, 66) }
```


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

```
.border{ border-color:rgb(0, 244, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 244, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 244, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 244, 66);  
box-shadow:4px 4px 4px 4px rgb(0, 244, 66)  
}
```

Background

The CSS property to change the background color of an element to YIQ 150.7520, -88.2860, -107.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 244, 66) }
```

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

```
.background{ background-color: rgb(0, 244,  
66) }
```

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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