

Converting Colors

YIQ(153.4490, -64.7230,
-88.0750)

Have a look what the booklet for
YIQ(153.4490, -64.7230, -88.0750)
contains.

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Color

**YIQ(153.4490, -64.7230,
-88.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	25E44B
RGB	37, 228, 75
RGB Percent	15%, 89%, 29%
CMY	0.8554, 0.1056, 0.7060
CMYK	0.84, 0.00, 0.67, 0.11
HSL	132°, 78%, 52%
HSV	132°, 84%, 89%
XYZ	29.7921, 56.4290, 15.9720
YIQ	153.4490, -64.7230, -88.0750

Conversions

Conversions Part 2

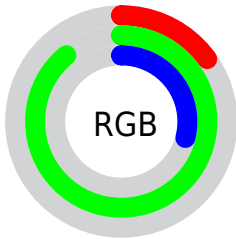
Format	Color
R _Y B	37, 196, 228
Decimal	2483275
CIE Lab	79.86, -73.53, 59.79
CIE LCh	80, 94.776, 140.884
Yxy	56.4290, 0.2915, 0.5522
Android (android.graphics.Color)	4280673355 (0xFF25E44B)
YUV	153.4490, -38.6754, -102.1258
Hunter-Lab	75.1192, -60.6660, 39.9771

Details

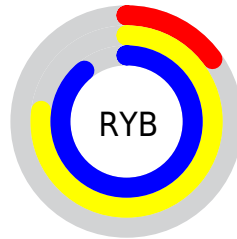
The YIQ color **153.4490, -64.7230, -88.0750** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **111.5510, 64.7230, 88.0750**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.0860, -40.9310, -67.7070**, and **100.9470, -48.6300, -87.8780** is the 20% darker color. If you saturate the color by 10%, you get **144.5200, -72.6530, -98.5490**, and if you desaturate by 10%, it is **162.3780, -56.7930, -77.6010**.

Distribution



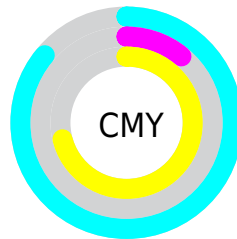
- Red (15%)
- Green (89%)
- Blue (29%)



- Red (15%)
- Yellow (77%)
- Blue (89%)



- Cyan (84%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)



- Cyan (86%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.4490, -64.7230, -88.0750 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 153.4490, -64.7230, -88.0750 by changing the saturation by 10% instead.

153.4490,
-64.7230, -88.0750

153.4490,
-64.7230, -88.0750

255.0000, -0.0000,
-0.0000

122.0570,
-69.4910, -89.7710

200.0860,
-40.9310, -67.7070

100.8330,
-48.3090, -88.1890

213.1450,
-30.2510, -52.0030

83.9410, -39.3250,
-74.7890

225.9050,
-20.1670, -36.5110

68.0920, -31.9000,
-60.6680

238.4800,
-11.0000, -20.9200

52.8300, -24.7500,
-47.0700

251.3540, -1.2370,
-5.1170

38.1550, -17.8750,
-33.9950

23.4800, -11.0000,

-20.9200

■ 0.0000, 0.0000,
0.0000

■ 153.4490,
-64.7230, -88.0750

■ 153.4490,
-64.7230, -88.0750

■ 144.5200,
-72.6530, -98.5490

■ 162.3780,
-56.7930, -77.6010

■ 138.9660,
-77.1450, -105.2490

■ 171.0080,
-49.4590, -67.3390

■ 180.0510,
-41.8500, -56.5540

■ 188.9800,
-33.9200, -46.0800

■ 197.9090,
-25.9900, -35.6060

■ 206.9520,
-18.3810, -24.8210

■ 215.8810,
-10.4510, -14.3470

■ 224.5110, -3.1170,
-4.0850

■ 233.4400, 4.8130,
6.3890

Harmonies

Analogous

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



177.6660, 47.7880, -73.1400



153.4490, -64.7230, -88.0750



157.5700, -118.5070, -71.4910

Triad

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



153.4490, -64.7230, -88.0750



156.4490, -141.5300, -34.1860



153.9540, 77.8440, 42.9960

Complementary

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



153.4490, -64.7230, -88.0750



111.5510, 64.7230, 88.0750

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.



162.2250, 50.4210, 71.9330



153.4490, -64.7230, -88.0750



177.1220, -55.5250, 9.5870

Square

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



153.4490, -64.7230, -88.0750



165.2540, -145.6550, -42.0310



189.2560, 30.8000, 58.5760



167.8580, 93.8080, -4.0480

Rectangle

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



153.4490, -64.7230, -88.0750



165.8120, -138.9590, -53.2550



189.2560, 30.8000, 58.5760



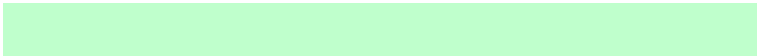
152.5640, 70.7350, 56.1990

Sweetspot

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



153.4490, -64.7230, -88.0750



230.0500, -21.7730, -29.4290



195.7610, 40.4510, -66.8210



112.8050, -13.2930, -17.9090



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.



153.4490, -64.7230, -88.0750



155.4990, -86.4960, -117.5040



164.0510, -94.5760, -59.1520



110.3860, -4.2630, -5.3430



109.1770, -60.7810, -82.4210



31.0770, -17.2350, -23.5630

Inverse Universe

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



111.5510, 64.7230, 88.0750



99.5010, 86.4960, 117.5040



100.9490, 94.5760, 59.1520



107.6140, 4.2630, 5.3430



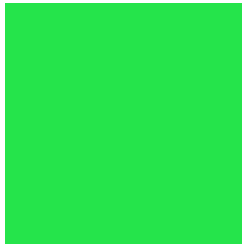
69.8230, 60.7810, 82.4210



19.9230, 17.2350, 23.5630

Previews

White Background



This preview shows how the YIQ color 153.4490, -64.7230, -88.0750 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 153.4490, -64.7230, -88.0750 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 153.4490, -64.7230, -88.0750 Background



This preview shows how black text looks on a background with the YIQ color 153.4490, -64.7230, -88.0750.



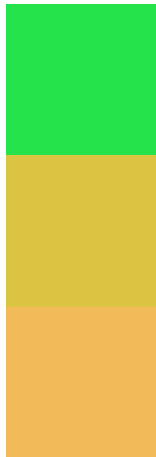
This preview shows how white text looks on a background with the YIQ color 153.4490, -64.7230, -88.0750.

-88.0750.

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

153.4490, -64.7230, -88.0750

Protanopia

188.0570, 55.4380, -35.5540

Deuteranopia

191.9850, 65.1090, -18.0830



Tritanopia

180.5530, -73.9970, -19.0930

Trichromacy



Original Color

153.4490, -64.7230, -88.0750



Protanomaly

175.7090, 11.8390, -54.8890



Deuteranomaly

177.7950, 17.8890, -43.3830



Tritanomaly

170.5260, -70.5080, -43.7880

Monochromacy



Original Color

153.4490, -64.7230, -88.0750



Achromatopsia

153.0000, 0.0000, -0.0000



Achromatomaly

153.0990, -23.4690, -31.7330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.4490, -64.7230, -88.0750 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, 228, 75)` looks like.

```
.text, #text, p{  
    color:rgb(37, 228, 75)  
}
```

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, 228, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 228, 75) }
```

Border

The CSS property to change the border of an element to YIQ 153.4490, -64.7230, -88.0750 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, 228, 75) }
```


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

```
.border{ border-color:rgb(37, 228, 75) }
```

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

Here you see how a box with a 4 pixel rgb(37, 228, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 228, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 228, 75);  
box-shadow:4px 4px 4px 4px rgb(37, 228,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 153.4490, -64.7230, -88.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 228, 75) }
```

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

```
.background{ background-color: rgb(37, 228,  
75) }
```

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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