

Converting Colors

YIQ(156.2890, -49.5930,
-86.9450)

Have a look what the booklet for
YIQ(156.2890, -49.5930, -86.9450)
contains.

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Color

**YIQ(156.2890, -49.5930,
-86.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	37E23F
RGB	55, 226, 63
RGB Percent	22%, 89%, 25%
CMY	0.7848, 0.1134, 0.7530
CMYK	0.76, 0.00, 0.72, 0.11
HSL	123°, 75%, 55%
HSV	123°, 76%, 89%
XYZ	29.6809, 55.5988, 13.8673
YIQ	156.2890, -49.5930, -86.9450

Conversions

Conversions Part 2

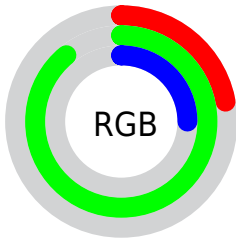
Format	Color
RYB	55, 218, 226
Decimal	3662399
CIELab	79.38, -71.92, 63.83
CIELCh	79, 96.162, 138.410
Yxy	55.5988, 0.2994, 0.5608
Android (android.graphics.Color)	4281852479 (0xFF37E23F)
YUV	156.2890, -45.9915, -88.8305
Hunter-Lab	74.5646, -59.4350, 41.1687

Details

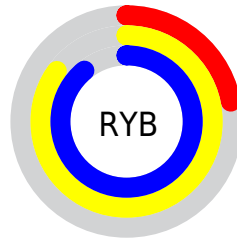
The YIQ color **156.2890, -49.5930, -86.9450** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **124.7110, 49.5930, 86.9450**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **201.6370, -32.3570, -68.9090**, and **99.2030, -46.4750, -88.3870** is the 20% darker color. If you saturate the color by 10%, you get **146.9040, -56.2390, -98.6630**, and if you desaturate by 10%, it is **165.3750, -43.5430, -75.4390**.

Distribution



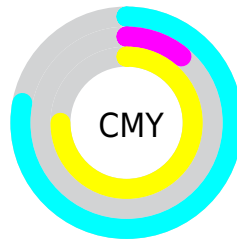
- Red (22%)
- Green (89%)
- Blue (25%)



- Red (22%)
- Yellow (85%)
- Blue (89%)



- Cyan (76%)
- Magenta (0%)
- Yellow (72%)
- Black (11%)



- Cyan (78%)
- Magenta (11%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.2890, -49.5930, -86.9450 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 156.2890, -49.5930, -86.9450 by changing the saturation by 10% instead.

■ 156.2890,
-49.5930, -86.9450

■ 156.2890,
-49.5930, -86.9450

■ 255.0000, -0.0000,
-0.0000

■ 119.0590,
-63.8050, -93.7010

■ 201.6370,
-32.3570, -68.9090

■ 99.2030, -46.4750,
-88.3870

■ 214.3970,
-22.2730, -53.4170

■ 83.3540, -39.0500,
-74.2660

■ 227.1570,
-12.1890, -37.9250

■ 67.5050, -31.6250,
-60.1450

■ 239.7320, -3.0220,
-22.3340

■ 51.6560, -24.2000,
-46.0240

■ 252.3070, 6.1450,
-6.7430

■ 37.5680, -17.6000,
-33.4720

■ 22.3060, -10.4500,

-19.8740

■ 0.0000, 0.0000,
0.0000

■ 156.2890,
-49.5930, -86.9450

■ 156.2890,
-49.5930, -86.9450

■ 146.9040,
-56.2390, -98.6630

■ 165.3750,
-43.5430, -75.4390

■ 137.9320,
-62.6100, -109.8580

■ 174.6460,
-36.5760, -64.0320

■ 133.9160,
-65.6810, -114.7770


■ 184.0310,
-29.9300, -52.3140

■ 193.0030,
-23.5590, -41.1190

■ 202.3880,
-16.9130, -29.4010

 211.6590, -9.9460,
-17.9940

 220.7450, -3.8960,
-6.4880

 230.0160, 3.0710,
4.9190

 237.9770, 7.9750,
15.1670

Harmonies

Analogous

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



177.6990, 52.1890, -70.2990



156.2890, -49.5930, -86.9450



155.3700, -115.0680, -73.2440

Triad

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



156.2890, -49.5930, -86.9450



157.0360, -141.8050, -34.7090



150.4150, 78.1640, 48.2120

Complementary

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



156.2890, -49.5930, -86.9450



124.7110, 49.5930, 86.9450

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.



161.7350, 49.0450, 74.8450



156.2890, -49.5930, -86.9450



169.9240, -72.7630, 2.6050

Square

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



156.2890, -49.5930, -86.9450



165.2540, -145.6550, -42.0310



189.8430, 30.5250, 58.0530



164.7920, 94.1740, 0.3340

Rectangle

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



156.2890, -49.5930, -86.9450



163.6120, -135.5200, -55.0080



189.8430, 30.5250, 58.0530



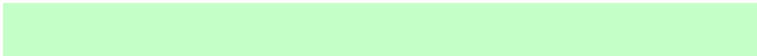
150.1990, 70.5050, 60.3690

Sweetspot

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



156.2890, -49.5930, -86.9450



230.9750, -17.1880, -29.9240



204.7120, 51.3150, -54.4530



113.2460, -10.2210, -18.5170



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.



156.2890, -49.5930, -86.9450



160.4380, -67.3310, -117.9150



165.7510, -76.2360, -61.1320



107.5710, -3.3460, -5.4420



104.2240, -50.9680, -89.5600



28.4040, -13.8420, -24.4820

Inverse Universe

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



124.7110, 49.5930, 86.9450



117.5620, 67.3310, 117.9150



115.2490, 76.2360, 61.1320



105.5430, 3.0250, 5.7530



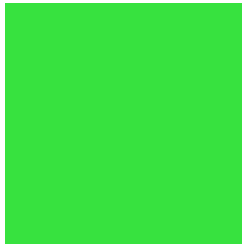
71.7760, 50.9680, 89.5600



19.5960, 13.8420, 24.4820

Previews

White Background



This preview shows how the YIQ color 156.2890, -49.5930, -86.9450 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 156.2890, -49.5930, -86.9450 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 156.2890, -49.5930, -86.9450 Background



This preview shows how black text looks on a background with the YIQ color 156.2890, -49.5930, -86.9450.



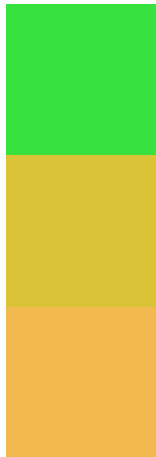
This preview shows how white text looks on a background with the YIQ color 156.2890, -49.5930, -86.9450.

-86.9450.

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

156.2890, -49.5930, -86.9450

Protanopia

186.2160, 59.2440, -38.4520

Deuteranopia

189.8450, 68.3190, -21.1930



Tritanopia

181.2440, -68.6330, -17.1850

Trichromacy



Original Color

156.2890, -49.5930, -86.9450



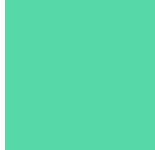
Protanomaly

175.0750, 19.4960, -55.9920



Deuteranomaly

177.7480, 25.2710, -45.0090



Tritanomaly

171.9570, -61.4760, -42.2760

Monochromacy



Original Color

156.2890, -49.5930, -86.9450



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

155.7360, -18.0130, -31.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.2890, -49.5930, -86.9450 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(55, 226, 63)` looks like.

```
.text, #text, p{  
    color:rgb(55, 226, 63)  
}
```

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(55, 226, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 226, 63) }
```

Border

The CSS property to change the border of an element to YIQ 156.2890, -49.5930, -86.9450 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(55, 226, 63) }
```


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

```
.border{ border-color:rgb(55, 226, 63) }
```

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

Here you see how a box with a 4 pixel rgb(55, 226, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 226, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 226, 63);  
box-shadow:4px 4px 4px 4px rgb(55, 226,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 156.2890, -49.5930, -86.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 226, 63) }
```

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

```
.background{ background-color: rgb(55, 226,  
63) }
```

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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