

Converting Colors

YIQ(135.1070, -27.0880,
-48.7520)

Have a look what the booklet for
YIQ(135.1070, -27.0880, -48.7520)
contains.

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Color

**YIQ(135.1070, -27.0880,
-48.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	4FAE52
RGB	79, 174, 82
RGB Percent	31%, 68%, 32%
CMY	0.6905, 0.3175, 0.6785
CMYK	0.55, 0.00, 0.53, 0.32
HSL	122°, 38%, 50%
HSV	122°, 55%, 68%
XYZ	19.8848, 32.5557, 13.2166
YIQ	135.1070, -27.0880, -48.7520

Conversions

Conversions Part 2

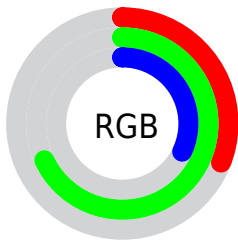
Format	Color
RYB	79, 171, 174
Decimal	5221970
CIELab	63.80, -47.14, 38.56
CIELCh	64, 60.902, 140.718
Yxy	32.5557, 0.3029, 0.4958
Android (android.graphics.Color)	4283412050 (0xFF4FAE52)
YUV	135.1070, -26.1818, -49.2058
Hunter-Lab	57.0576, -37.6428, 26.2066

Details

The YIQ color **135.1070, -27.0880, -48.7520** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **117.8930, 27.0880, 48.7520**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.8360, -24.8870, -50.0950**, and **76.1700, -40.5670, -52.2710** is the 20% darker color. If you saturate the color by 10%, you get **128.0860, -31.7630, -57.6430**, and if you desaturate by 10%, it is **142.1280, -22.4130, -39.8610**.

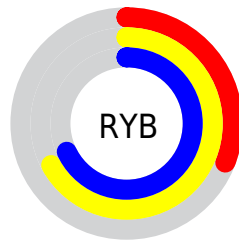
Distribution



Red (31%)

Green (68%)

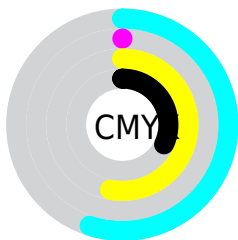
Blue (32%)



Red (31%)

Yellow (67%)

Blue (68%)

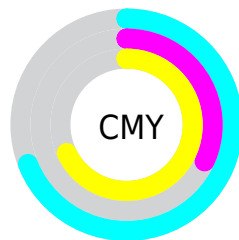


Cyan (55%)

Magenta (0%)

Yellow (53%)

Black (32%)



Cyan (69%)

Magenta (32%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1070, -27.0880, -48.7520 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 135.1070, -27.0880, -48.7520 by changing the saturation by 10% instead.

■ 135.1070,
-27.0880, -48.7520

■ 135.1070,
-27.0880, -48.7520

■ 255.0000, -0.0000,
-0.0000

■ 107.4380,
-29.5180, -48.7660

■ 190.8360,
-24.8870, -50.0950

■ 76.1700, -40.5670,
-52.2710

■ 216.9610,
-23.7410, -48.8370

■ 56.2210, -27.4090,
-48.4410

■ 228.8240,
-15.4450, -33.9810

■ 41.0900, -19.2500,
-36.6100

■ 240.6870, -7.1490,
-19.1250

■ 27.5890, -12.9250,
-24.5810

■ 252.6640, 0.8260,
-3.9580

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,

0.0000

■ 135.1070,
-27.0880, -48.7520

■ 135.1070,
-27.0880, -48.7520

■ 128.0860,
-31.7630, -57.6430

■ 142.1280,
-22.4130, -39.8610

■ 120.7660,
-37.0340, -66.7460

■ 149.4480,
-17.1420, -30.7580

■ 113.7450,
-41.7090, -75.6370

■ 156.4690,
-12.4670, -21.8670

■ 106.5390,
-47.3010, -84.4290

■ 163.6750, -6.8750,
-13.0750

■ 102.8220,
-49.7760, -89.1360

■ 170.6960, -2.2000,
-4.1840

■ 177.7170, 2.4750,
4.7070

■ 185.0370, 7.7460,
13.8100

■ 192.0580, 12.4210,
22.7010

■ 199.3780, 17.6920,
31.8040

Harmonies

Analogous

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



144.4220, 29.3050, -41.0230



135.1070, -27.0880, -48.7520



121.0500, -92.8350, -52.1550

Triad

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



135.1070, -27.0880, -48.7520



126.5120, -127.5050, -7.5130



151.4350, 83.4390, 35.2070

Complementary

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



135.1070, -27.0880, -48.7520



117.8930, 27.0880, 48.7520

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.



155.0140, 60.4200, 50.4040



135.1070, -27.0880, -48.7520



152.4350, -48.3760, 28.7120

Square

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



135.1070, -27.0880, -48.7520



130.4440, -124.7980, -18.0300



159.3200, 15.5800, 48.0600



151.1470, 83.1690, 7.0490

Rectangle

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



135.1070, -27.0880, -48.7520



125.9690, -105.3080, -40.8600



159.3200, 15.5800, 48.0600



151.7260, 78.4860, 42.3740

Sweetspot

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



135.1070, -27.0880, -48.7520



212.2460, -10.2210, -18.5170



162.5720, 29.3030, -29.9690



106.0280, -6.3710, -11.1950



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.1070, -27.0880, -48.7520



165.6200, -42.8550, -76.8950



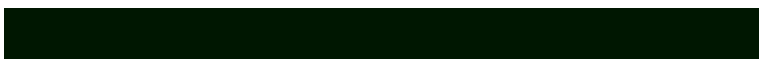
140.3510, -41.8540, -34.4460



83.2830, -2.4750, -4.7070



88.6200, -42.8550, -76.8950



13.6150, -6.6460, -11.7180

Inverse Universe

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



117.8930, 27.0880, 48.7520



138.3800, 42.8550, 76.8950



112.6490, 41.8540, 34.4460



81.6030, 2.7960, 4.3960



61.4940, 42.5340, 77.2060



9.3850, 6.6460, 11.7180

Previews

White Background



This preview shows how the YIQ color 135.1070, -27.0880, -48.7520 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 135.1070, -27.0880, -48.7520 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 135.1070, -27.0880, -48.7520 Background



This preview shows how black text looks on a background with the YIQ color 135.1070, -27.0880, -48.7520.



This preview shows how white text looks on a background with the YIQ color 135.1070, -27.0880, -48.7520.

-48.7520.

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

135.1070, -27.0880, -48.7520

Protanopia

149.7780, 34.8950, -21.1770

Deuteranopia

151.7610, 42.7330, -9.0350



Tritanopia

146.6450, -41.7210, -9.3130

Trichromacy



Original Color

135.1070, -27.0880, -48.7520

Protanomaly

144.3620, 12.3390, -30.9010

Deuteranomaly

145.6280, 17.7020, -23.4660

Tritanomaly

142.6110, -36.3540, -23.9860

Monochromacy



Original Color

135.1070, -27.0880, -48.7520

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.0720, -9.6710, -17.4710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1070, -27.0880, -48.7520 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(79, 174, 82)` looks like.

```
.text, #text, p{  
    color:rgb(79, 174, 82)  
}
```

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(79, 174, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 174, 82) }
```

Border

The CSS property to change the border of an element to YIQ 135.1070, -27.0880, -48.7520 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(79, 174, 82) }
```


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

```
.border{ border-color:rgb(79, 174, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 174, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 174, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 174, 82);  
box-shadow:4px 4px 4px 4px rgb(79, 174,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1070, -27.0880, -48.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 174, 82) }
```

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

```
.background{ background-color: rgb(79, 174,  
82) }
```

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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