

Converting Colors

YIQ(128.2570, -19.0630,
-56.5270)

Have a look what the booklet for
YIQ(128.2570, -19.0630, -56.5270)
contains.

YIQ(128.2570, -19.0630, -56.5270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(128.2570, -19.0630,
-56.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	4BAA35
RGB	75, 170, 53
RGB Percent	29%, 67%, 21%
CMY	0.7062, 0.3332, 0.7921
CMYK	0.56, 0.00, 0.69, 0.33
HSL	109°, 52%, 44%
HSV	109°, 69%, 67%
XYZ	17.9205, 30.5142, 8.3139
YIQ	128.2570, -19.0630, -56.5270

Conversions

Conversions Part 2

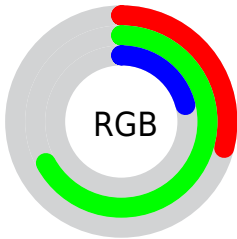
Format	Color
RYB	53, 170, 148
Decimal	4958773
CIELab	62.10, -49.91, 49.80
CIELCh	62, 70.504, 135.064
Yxy	30.5142, 0.3158, 0.5377
Android (android.graphics.Color)	4283148853 (0xFF4BAA35)
YUV	128.2570, -37.1017, -46.7064
Hunter-Lab	55.2396, -38.7614, 29.7442

Details

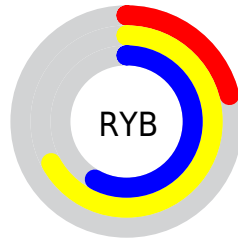
The YIQ color **128.2570, -19.0630, -56.5270** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **94.7430, 19.0630, 56.5270**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5130, -16.9080, -57.0360**, and **68.6790, -32.1750, -61.1910** is the 20% darker color. If you saturate the color by 10%, you get **122.1330, -21.9500, -64.7820**, and if you desaturate by 10%, it is **134.3810, -16.1760, -48.2720**.

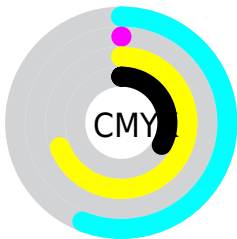
Distribution



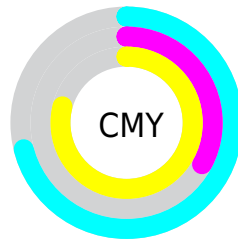
- Red (29%)
- Green (67%)
- Blue (21%)



- Red (21%)
- Yellow (67%)
- Blue (58%)



- Cyan (56%)
- Magenta (0%)
- Yellow (69%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.2570, -19.0630, -56.5270 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 128.2570, -19.0630, -56.5270 by changing the saturation by 10% instead.

■ 128.2570,
-19.0630, -56.5270

■ 128.2570,
-19.0630, -56.5270

■ 255.0000, -0.0000,
-0.0000

■ 99.5340, -21.4010,
-58.2090

■ 184.5130,
-16.9080, -57.0360

■ 68.6790, -32.1750,
-61.1910

■ 212.8720,
-16.5410, -58.1810

■ 53.4170, -25.0250,
-47.5930

■ 224.7350, -8.2450,
-43.3250

■ 39.3290, -18.4250,
-35.0410

■ 236.4840, 0.3720,
-28.7800

■ 26.4150, -12.3750,
-23.5350

■ 248.7600, 8.9430,
-13.4010

■ 8.2180, -3.8500,
-7.3220

■ 253.8600, 3.2100,

■ 0.0000, 0.0000,

-3.1100

0.0000

■ 128.2570,
-19.0630, -56.5270

■ 128.2570,
-19.0630, -56.5270

■ 122.1330,
-21.9500, -64.7820

■ 134.3810,
-16.1760, -48.2720

■ 116.0090,
-24.8370, -73.0370

■ 140.5050,
-13.2890, -40.0170

■ 109.8850,
-27.7240, -81.2920

■ 146.3300,
-10.9980, -31.9740

■ 109.3580,
-27.6780, -82.1260

■ 152.4540, -8.1110,
-23.7190

■ 158.5780, -5.2240,
-15.4640

■ 164.7020, -2.3370,
-7.2090

■ 170.8260, 0.5500,
1.0460

■ 176.6510, 2.8410,
9.0890

■ 182.7750, 5.7280,
17.3440

Harmonies

Analogous

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



137.0090, 46.2250, -50.3110



128.2570, -19.0630, -56.5270



117.1230, -85.9110, -56.4950

Triad

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



128.2570, -19.0630, -56.5270



126.5120, -127.5050, -7.5130



140.5210, 89.4890, 46.7130

Complementary

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



128.2570, -19.0630, -56.5270



94.7430, 19.0630, 56.5270

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.



147.9470, 62.5270, 61.7830



128.2570, -19.0630, -56.5270



137.1860, -78.7720, 17.9000

Square

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



128.2570, -19.0630, -56.5270



130.4440, -124.7980, -18.0300



153.9200, 5.2630, 53.3190



143.8330, 96.0970, 15.0490

Rectangle

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



128.2570, -19.0630, -56.5270



123.1990, -100.2640, -44.1680



153.9200, 5.2630, 53.3190



141.7410, 83.2980, 54.2900

Sweetspot

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



128.2570, -19.0630, -56.5270



205.2800, -7.5610, -22.6730



143.1610, 43.8820, -24.3580



101.9310, -4.7200, -13.5840



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



128.2570, -19.0630, -56.5270



156.1740, -30.3360, -89.0240



125.6690, -43.4100, -50.3060



80.9950, -1.6040, -3.9720



95.2480, -24.0120, -71.4680



12.9360, -3.1160, -9.6120

Inverse Universe

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



94.7430, 19.0630, 56.5270



103.5270, 29.7400, 88.8120



97.3310, 43.4100, 50.3060



79.0050, 1.6040, 3.9720



52.7520, 24.0120, 71.4680



7.3630, 3.7120, 9.8240

Previews

White Background



This preview shows how the YIQ color 128.2570, -19.0630, -56.5270 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 128.2570, -19.0630, -56.5270 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 128.2570, -19.0630, -56.5270 Background



This preview shows how black text looks on a background with the YIQ color 128.2570, -19.0630, -56.5270.



This preview shows how white text looks on a background with the YIQ color 128.2570, -19.0630, -56.5270.

-56.5270.

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

128.2570, -19.0630, -56.5270

Protanopia

142.7540, 43.4700, -27.9060

Deuteranopia

145.8510, 50.9870, -15.4530



Tritanopia

142.5420, -39.9330, -8.6770

Trichromacy



Original Color

128.2570, -19.0630, -56.5270

Protanomaly

137.8110, 20.9600, -38.4640

Deuteranomaly

139.3050, 25.6810, -30.4070

Tritanomaly

137.2970, -32.5940, -26.0500

Monochromacy



Original Color

128.2570, -19.0630, -56.5270

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.0460, -6.7820, -20.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.2570, -19.0630, -56.5270 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(75, 170, 53)` looks like.

```
.text, #text, p{  
    color:rgb(75, 170, 53)  
}
```

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(75, 170, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 170, 53) }
```

Border

The CSS property to change the border of an element to YIQ 128.2570, -19.0630, -56.5270 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(75, 170, 53) }
```


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

```
.border{ border-color:rgb(75, 170, 53) }
```

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

Here you see how a box with a 4 pixel rgb(75, 170, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 170, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 170, 53);  
box-shadow:4px 4px 4px 4px rgb(75, 170,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 128.2570, -19.0630, -56.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 170, 53) }
```

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

```
.background{ background-color: rgb(75, 170,  
53) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor