

Converting Colors

YIQ(129.6890, -28.9670,
-53.2470)

Have a look what the booklet for
YIQ(129.6890, -28.9670, -53.2470)
contains.

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Color

**YIQ(129.6890, -28.9670,
-53.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	45AC47
RGB	69, 172, 71
RGB Percent	27%, 67%, 28%
CMY	0.7297, 0.3253, 0.7216
CMYK	0.60, 0.00, 0.59, 0.33
HSL	121°, 43%, 47%
HSV	121°, 60%, 67%
XYZ	18.3464, 31.2386, 11.0224
YIQ	129.6890, -28.9670, -53.2470

Conversions

Conversions Part 2

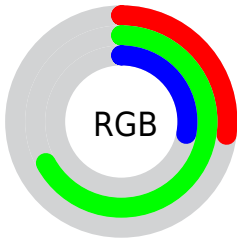
Format	Color
RYB	69, 170, 172
Decimal	4566087
CIELab	62.71, -50.30, 42.49
CIElCh	63, 65.845, 139.808
Yxy	31.2386, 0.3027, 0.5154
Android (android.graphics.Color)	4282756167 (0xFF45AC47)
YUV	129.6890, -28.9337, -53.2243
Hunter-Lab	55.8915, -39.2173, 27.4315

Details

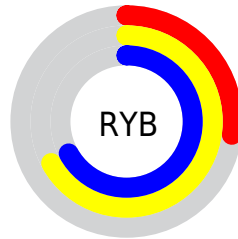
The YIQ color **129.6890, -28.9670, -53.2470** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **111.3110, 28.9670, 53.2470**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.7170, -26.1700, -54.3780**, and **71.3180, -38.2280, -56.1160** is the 20% darker color. If you saturate the color by 10%, you get **122.6680, -33.6420, -62.1380**, and if you desaturate by 10%, it is **136.7100, -24.2920, -44.3560**.

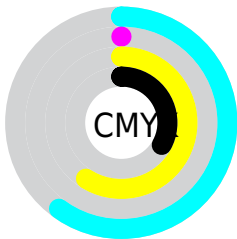
Distribution



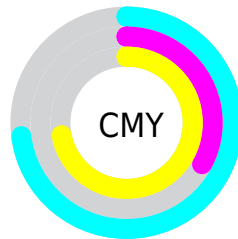
- Red (27%)
- Green (67%)
- Blue (28%)



- Red (27%)
- Yellow (67%)
- Blue (67%)



- Cyan (60%)
- Magenta (0%)
- Yellow (59%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.6890, -28.9670, -53.2470 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 129.6890, -28.9670, -53.2470 by changing the saturation by 10% instead.

■ 129.6890,
-28.9670, -53.2470

■ 129.6890,
-28.9670, -53.2470

■ 255.0000, -0.0000,
-0.0000

■ 100.8240,
-33.7810, -54.1090

■ 185.7170,
-26.1700, -54.3780

■ 71.9050, -38.5030,
-56.6390

■ 213.3150,
-24.9780, -53.9540

■ 54.5910, -25.5750,
-48.6390

■ 225.0640,
-16.3610, -39.4090

■ 39.9160, -18.7000,
-35.5640

■ 236.9270, -8.0650,
-24.5530

■ 27.0020, -12.6500,
-24.0580

■ 249.2030, 0.5060,
-9.1740

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,

0.0000

■ 129.6890,
-28.9670, -53.2470

■ 129.6890,
-28.9670, -53.2470

■ 122.6680,
-33.6420, -62.1380

■ 136.7100,
-24.2920, -44.3560

■ 115.6470,
-38.3170, -71.0290

■ 143.7310,
-19.6170, -35.4650

■ 108.3270,
-43.5880, -80.1320

■ 151.0510,
-14.3460, -26.3620

■ 101.4200,
-48.5840, -88.7120

■ 157.9580, -9.3500,
-17.7820

■ 101.3060,
-48.2630, -89.0230

■ 164.9790, -4.6750,
-8.8910

■ 172.0000, -0.0000,
-0.0000

■ 179.0210, 4.6750,
8.8910

■ 186.3410, 9.9460,
17.9940

■ 193.3620, 14.6210,
26.8850

Harmonies

Analogous

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



139.3700, 35.0830, -46.6210



129.6890, -28.9670, -53.2470



119.1920, -90.3590, -52.9750

Triad

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



129.6890, -28.9670, -53.2470



125.3380, -126.9550, -6.4670



146.4080, 88.0690, 39.4050

Complementary

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



129.6890, -28.9670, -53.2470



111.3110, 28.9670, 53.2470

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.



150.0410, 64.9580, 56.2700



129.6890, -28.9670, -53.2470



147.6730, -54.9780, 27.2140

Square

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



129.6890, -28.9670, -53.2470



130.0850, -125.1650, -16.8850



155.6560, 14.7540, 52.0180



147.3110, 88.5790, 8.1230

Rectangle

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



129.6890, -28.9670, -53.2470



124.4530, -103.7950, -40.7470



155.6560, 14.7540, 52.0180



146.2260, 83.0700, 47.4060

Sweetspot

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



129.6890, -28.9670, -53.2470



207.5940, -11.3210, -20.6090



159.6600, 31.8710, -32.4570



102.0880, -6.6000, -12.5520



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.



129.6890, -28.9670, -53.2470



157.8490, -45.2380, -83.2700



135.5030, -45.3380, -37.3860



83.2830, -2.4750, -4.7070



88.3920, -42.2130, -77.5170



13.5010, -6.3250, -12.0290

Inverse Universe

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



111.3110, 28.9670, 53.2470



129.1510, 45.2380, 83.2700



105.4970, 45.3380, 37.3860



81.7170, 2.4750, 4.7070



61.6080, 42.2130, 77.5170



9.3850, 6.6460, 11.7180

Previews

White Background



This preview shows how the YIQ color 129.6890, -28.9670, -53.2470 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 129.6890, -28.9670, -53.2470 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 129.6890, -28.9670, -53.2470 Background



This preview shows how black text looks on a background with the YIQ color 129.6890, -28.9670, -53.2470.



This preview shows how white text looks on a background with the YIQ color 129.6890, -28.9670, -53.2470.

-53.2470.

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

129.6890, -28.9670, -53.2470

Protanopia

145.9800, 37.1420, -23.3540

Deuteranopia

148.2620, 45.5760, -11.0000



Tritanopia

142.4490, -44.1050, -10.1610

Trichromacy



Original Color

129.6890, -28.9670, -53.2470

Protanomaly

140.1400, 12.8440, -34.5480

Deuteranomaly

141.8190, 18.4820, -26.5900

Tritanomaly

137.8880, -38.6920, -25.6680

Monochromacy



Original Color

129.6890, -28.9670, -53.2470

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8330, -10.4960, -19.0400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6890, -28.9670, -53.2470 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(69, 172, 71)` looks like.

```
.text, #text, p{  
    color:rgb(69, 172, 71)  
}
```

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(69, 172, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 172, 71) }
```

Border

The CSS property to change the border of an element to YIQ 129.6890, -28.9670, -53.2470 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(69, 172, 71) }
```


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

```
.border{ border-color:rgb(69, 172, 71) }
```

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

Here you see how a box with a 4 pixel rgb(69, 172, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 172, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 172, 71);  
box-shadow:4px 4px 4px 4px rgb(69, 172,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6890, -28.9670, -53.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 172, 71) }
```

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

```
.background{ background-color: rgb(69, 172,  
71) }
```

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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