

Converting Colors

YIQ(127.8250, -44.6900,
-71.1700)

Have a look what the booklet for
YIQ(127.8250, -44.6900, -71.1700)
contains.

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Color

**YIQ(127.8250, -44.6900,
-71.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	29BA38
RGB	41, 186, 56
RGB Percent	16%, 73%, 22%
CMY	0.8396, 0.2703, 0.7805
CMYK	0.78, 0.00, 0.70, 0.27
HSL	126°, 64%, 45%
HSV	126°, 78%, 73%
XYZ	19.1951, 35.8979, 9.6562
YIQ	127.8250, -44.6900, -71.1700

Conversions

Conversions Part 2

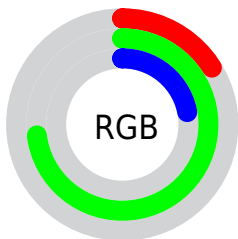
Format	Color
RYB	41, 172, 186
Decimal	2734648
CIELab	66.44, -62.00, 52.95
CIElCh	66, 81.536, 139.501
Yxy	35.8979, 0.2965, 0.5544
Android (android.graphics.Color)	4280924728 (0xFF29BA38)
YUV	127.8250, -35.4097, -76.1455
Hunter-Lab	59.9148, -47.6643, 32.3849

Details

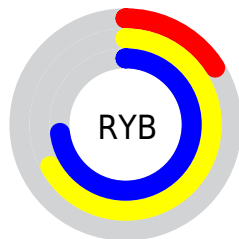
The YIQ color **127.8250, -44.6900, -71.1700** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **99.1750, 44.6900, 71.1700**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.3700, -35.9790, -69.3470**, and **76.8970, -36.0250, -68.5130** is the 20% darker color. If you saturate the color by 10%, you get **120.2060, -50.5570, -80.4850**, and if you desaturate by 10%, it is **135.1450, -39.4190, -62.0670**.

Distribution



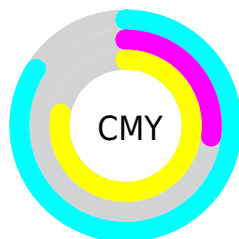
- Red (16%)
- Green (73%)
- Blue (22%)



- Red (16%)
- Yellow (67%)
- Blue (73%)



- Cyan (78%)
- Magenta (0%)
- Yellow (70%)
- Black (27%)



- Cyan (84%)
- Magenta (27%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.8250, -44.6900, -71.1700 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 127.8250, -44.6900, -71.1700 by changing the saturation by 10% instead.

■ 127.8250,
-44.6900, -71.1700

■ 127.8250,
-44.6900, -71.1700

■ 255.0000, -0.0000,
-0.0000

■ 95.7100, -51.7960,
-74.5480

■ 188.3700,
-35.9790, -69.3470

■ 76.8970, -36.0250,
-68.5130

■ 207.7610,
-29.4700, -60.6540

■ 61.6350, -28.8750,
-54.9150

■ 219.8090,
-20.2570, -45.8970

■ 46.3730, -21.7250,
-41.3170

■ 231.9710,
-11.3650, -30.8290

■ 32.8720, -15.4000,
-29.2880

■ 244.5460, -2.1980,
-15.2380

■ 18.1970, -8.5250,
-16.2130

■ 254.4300, 1.6050,

■ 0.0000, 0.0000,

-1.5550

0.0000

■ 127.8250,
-44.6900, -71.1700

■ 127.8250,
-44.6900, -71.1700

■ 120.2060,
-50.5570, -80.4850

■ 135.1450,
-39.4190, -62.0670

■ 113.0000,
-56.1490, -89.2770

■ 142.6500,
-33.2310, -53.0630

■ 111.3480,
-57.2490, -91.3690

■ 150.2690,
-27.3640, -43.7480

■ 157.5890,
-22.0930, -34.6450

■ 165.0940,
-15.9050, -25.6410

■ 172.7130,
-10.0380, -16.3260

■ 180.0330, -4.7670,
-7.2230

■ 187.5380, 1.4210,
1.7810

■ 194.8580, 6.6920,
10.8840

Harmonies

Analogous

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



145.5150, 41.5040, -58.3680



127.8250, -44.6900, -71.1700



128.3390, -95.4470, -59.8870

Triad

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



127.8250, -44.6900, -71.1700



133.5560, -130.8050, -13.7890



138.3040, 91.5980, 47.0380

Complementary

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



127.8250, -44.6900, -71.1700



99.1750, 44.6900, 71.1700

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.



146.7400, 67.8440, 70.0520



127.8250, -44.6900, -71.1700



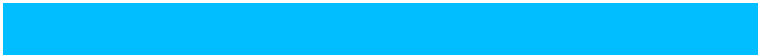
147.2860, -67.3100, 19.4260

Square

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



127.8250, -44.6900, -71.1700



140.6000, -134.1050, -20.0650



165.0130, 18.6030, 64.8670



149.8090, 104.6720, 8.3200

Rectangle

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



127.8250, -44.6900, -71.1700



134.8540, -112.4140, -44.2380



165.0130, 18.6030, 64.8670



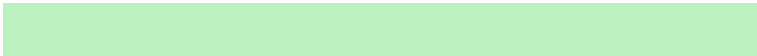
138.1050, 85.2690, 57.1170

Sweetspot

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



127.8250, -44.6900, -71.1700



219.8550, -16.7300, -27.2100



165.2840, 38.2010, -48.0630



108.4140, -10.6340, -16.5380



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



127.8250, -44.6900, -71.1700



150.8710, -69.8080, -111.5680



136.0330, -67.8020, -48.7780



88.3970, -2.7960, -4.3960



93.3960, -48.0360, -76.6120



16.7780, -8.6630, -13.7110

Inverse Universe

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



99.1750, 44.6900, 71.1700



106.1290, 69.8080, 111.5680



90.9670, 67.8020, 48.7780



86.6030, 2.7960, 4.3960



62.4900, 48.3570, 76.3010



11.2220, 8.6630, 13.7110

Previews

White Background



This preview shows how the YIQ color 127.8250, -44.6900, -71.1700 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 127.8250, -44.6900, -71.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

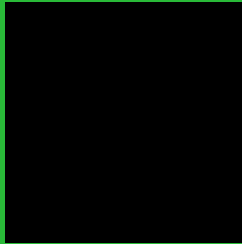
Any Text WCAG AA ✓ Pass

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 127.8250, -44.6900, -71.1700 Background



This preview shows how black text looks on a background with the YIQ color 127.8250, -44.6900, -71.1700.



This preview shows how white text looks on a background with the YIQ color 127.8250, -44.6900, -71.1700.

-71.1700.

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

127.8250, -44.6900, -71.1700

Protanopia

153.9130, 47.2760, -30.8040

Deuteranopia

156.4770, 54.9760, -16.1600



Tritanopia

148.6860, -58.1340, -14.7260

Trichromacy



Original Color

127.8250, -44.6900, -71.1700



Protanomaly

144.2890, 13.4420, -45.3900



Deuteranomaly

146.0220, 18.9880, -35.7640



Tritanomaly

140.7780, -53.3620, -35.1380

Monochromacy



Original Color

127.8250, -44.6900, -71.1700



Achromatopsia

128.0000, -0.0000, -0.0000



Achromatomaly

127.7950, -16.5010, -25.8530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.8250, -44.6900, -71.1700 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(41, 186, 56)` looks like.

```
.text, #text, p{  
    color:rgb(41, 186, 56)  
}
```

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(41, 186, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 186, 56) }
```

Border

The CSS property to change the border of an element to YIQ 127.8250, -44.6900, -71.1700 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(41, 186, 56) }
```


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

```
.border{ border-color:rgb(41, 186, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 186, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 186, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 186, 56);  
box-shadow:4px 4px 4px 4px rgb(41, 186,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 127.8250, -44.6900, -71.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 186, 56) }
```

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

```
.background{ background-color: rgb(41, 186,  
56) }
```

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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