

Converting Colors

YIQ(140.4130, -27.2290,
-29.6690)

Have a look what the booklet for
YIQ(140.4130, -27.2290, -29.6690)
contains.

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Color

**YIQ(140.4130, -27.2290,
-29.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	60A778
RGB	96, 167, 120
RGB Percent	38%, 65%, 47%
CMY	0.6237, 0.3450, 0.5295
CMYK	0.43, 0.00, 0.28, 0.34
HSL	140°, 29%, 52%
HSV	140°, 43%, 66%
XYZ	22.0318, 31.4880, 22.6801
YIQ	140.4130, -27.2290, -29.6690

Conversions

Conversions Part 2

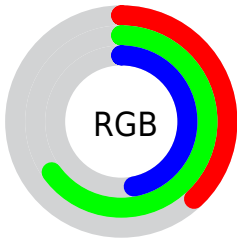
Format	Color
RYB	96, 149, 167
Decimal	6334328
CIELab	62.92, -33.02, 17.51
CIELCh	63, 37.373, 152.065
Yxy	31.4880, 0.2891, 0.4132
Android (android.graphics.Color)	4284524408 (0xFF60A778)
YUV	140.4130, -10.0636, -38.9502
Hunter-Lab	56.1142, -28.1164, 15.3162

Details

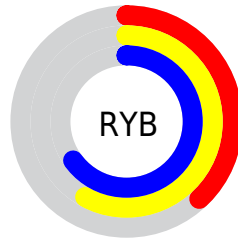
The YIQ color **140.4130, -27.2290, -29.6690** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **122.5870, 27.2290, 29.6690**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.3590, -27.1370, -31.3370**, and **87.8690, -28.5130, -28.4250** is the 20% darker color. If you saturate the color by 10%, you get **134.0760, -33.8300, -36.6940**, and if you desaturate by 10%, it is **146.7500, -20.6280, -22.6440**.

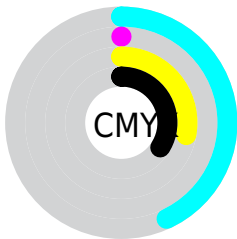
Distribution



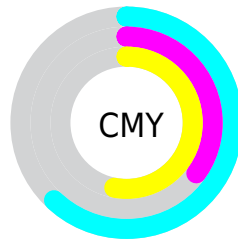
- Red (38%)
- Green (65%)
- Blue (47%)



- Red (38%)
- Yellow (58%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (28%)
- Black (34%)



- Cyan (62%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.4130, -27.2290, -29.6690 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 140.4130, -27.2290, -29.6690 by changing the saturation by 10% instead.

■ 140.4130,
-27.2290, -29.6690

■ 140.4130,
-27.2290, -29.6690

■ 255.0000, -0.0000,
-0.0000

■ 113.9400,
-27.2750, -28.8350

■ 195.3590,
-27.1370, -31.3370

■ 87.8690, -28.5130,
-28.4250

■ 223.0600,
-27.7330, -31.5490

■ 60.7050, -33.9230,
-29.4990

■ 237.2710,
-20.5370, -18.7850

■ 41.2330, -26.5420,
-25.5980

■ 248.7210,
-12.5160, -4.4520

■ 25.4690, -12.4670,
-21.8670

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,

0.0000

■ 140.4130,
-27.2290, -29.6690

■ 140.4130,
-27.2290, -29.6690

■ 134.0760,
-33.8300, -36.6940

■ 146.7500,
-20.6280, -22.6440

■ 128.0380,
-39.8350, -43.5070

■ 152.7880,
-14.6230, -15.8310

■ 121.7010,
-46.4360, -50.5320

■ 159.1250, -8.0220,
-8.8060

■ 115.3640,
-53.0370, -57.5570

■ 165.4620, -1.4210,
-1.7810

■ 109.0270,
-59.6380, -64.5820

■ 171.5000, 4.5840,
5.0320

■ 104.4130,
-63.9010, -69.9250

■ 177.8370, 11.1850,
12.0570

■ 184.1740, 17.7860,
19.0820

■ 190.5110, 24.3870,
26.1070

■ 196.5490, 30.3920,
32.9200

Harmonies

Analogous

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



146.3000, 6.8820, -25.6140



140.4130, -27.2290, -29.6690



130.0890, -70.2350, -32.2110

Triad

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



140.4130, -27.2290, -29.6690



147.5310, -49.4270, 9.2050



153.5740, 54.4660, 15.1220

Complementary

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



140.4130, -27.2290, -29.6690



122.5870, 27.2290, 29.6690

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.



155.1620, 44.4230, 26.4310



140.4130, -27.2290, -29.6690



155.3080, -11.6500, 23.9180

Square

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



140.4130, -27.2290, -29.6690



130.3740, -92.2460, -13.2540



156.4770, 21.7270, 30.2630



151.8100, 50.2050, -1.2750

Rectangle

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



140.4130, -27.2290, -29.6690



119.8540, -103.2460, -34.1740



156.4770, 21.7270, 30.2630



153.8390, 52.4020, 19.4900

Sweetspot

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



140.4130, -27.2290, -29.6690



206.4620, -10.5890, -11.8450



151.7300, 8.4870, -27.1690



103.2500, -6.8760, -7.5480



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.4130, -27.2290, -29.6690



175.4890, -42.7230, -46.2350



144.4030, -38.4640, -18.7840



81.0380, -3.1630, -3.2510



92.5760, -56.7500, -61.8540



12.5380, -7.7470, -8.2830

Inverse Universe

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



122.5870, 27.2290, 29.6690



147.5110, 42.7230, 46.2350



118.5970, 38.4640, 18.7840



78.9620, 3.1630, 3.2510



55.4240, 56.7500, 61.8540



7.5760, 7.4260, 8.5940

Previews

White Background



This preview shows how the YIQ color 140.4130, -27.2290, -29.6690 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 140.4130, -27.2290, -29.6690 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 140.4130, -27.2290, -29.6690 Background



This preview shows how black text looks on a background with the YIQ color 140.4130, -27.2290, -29.6690.



This preview shows how white text looks on a background with the YIQ color 140.4130, -27.2290, -29.6690.

-29.6690.

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

140.4130, -27.2290, -29.6690

Protanopia

149.9570, 18.7540, -9.4860

Deuteranopia

152.2770, 24.0250, -0.3830



Tritanopia

145.9340, -35.1650, -6.9810

Trichromacy



Original Color

140.4130, -27.2290, -29.6690

Protanomaly

146.6450, 1.8370, -16.7790

Deuteranomaly

148.0740, 5.1830, -11.3370

Tritanomaly

144.3330, -32.2750, -15.3070

Monochromacy



Original Color

140.4130, -27.2290, -29.6690

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2880, -10.0390, -10.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.4130, -27.2290, -29.6690 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(96, 167, 120)` looks like.

```
.text, #text, p{  
    color:rgb(96, 167, 120)  
}
```

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(96, 167, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 167, 120) }
```

Border

The CSS property to change the border of an element to YIQ 140.4130, -27.2290, -29.6690 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(96, 167, 120) }
```


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

```
.border{ border-color:rgb(96, 167, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 167, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 167, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 167, 120);  
box-shadow:4px 4px 4px 4px rgb(96, 167,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 140.4130, -27.2290, -29.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 167, 120) }
```

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

```
.background{ background-color: rgb(96, 167,  
120) }
```

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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