

Converting Colors

YIQ(28.2680, -15.3140, 2.2060)

Have a look what the booklet for
YIQ(28.2680, -15.3140, 2.2060)
contains.

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Color

**YIQ(28.2680, -15.3140,
2.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	0F1F31
RGB	15, 31, 49
RGB Percent	6%, 12%, 19%
CMY	0.9412, 0.8784, 0.8079
CMYK	0.69, 0.37, 0.00, 0.81
HSL	212°, 53%, 13%
HSV	212°, 69%, 19%
XYZ	1.2410, 1.3034, 3.0898
YIQ	28.2680, -15.3140, 2.2060

Conversions

Conversions Part 2

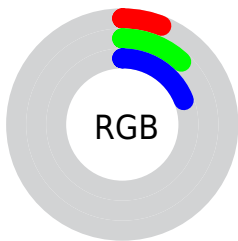
Format	Color
RYB	15, 26, 49
Decimal	991025
CIELab	11.30, 0.07, -13.94
CIELCh	11, 13.936, 270.282
Yxy	1.3034, 0.2203, 0.2313
Android (android.graphics.Color)	4279181105 (0xFF0F1F31)
YUV	28.2680, 10.2209, -11.6360
Hunter-Lab	11.4167, -0.5759, -8.0544

Details

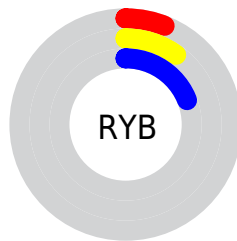
The YIQ color **28.2680, -15.3140, 2.2060** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35.7320, 15.3140, -2.2060**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.7950, -15.3600, 3.0400**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.0120, -17.4690, 2.7150**, and if you desaturate by 10%, it is **31.5240, -13.1590, 1.6970**.

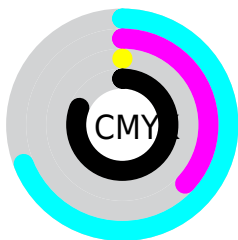
Distribution



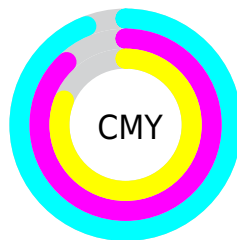
- Red (6%)
- Green (12%)
- Blue (19%)



- Red (6%)
- Yellow (10%)
- Blue (19%)



- Cyan (69%)
- Magenta (37%)
- Yellow (0%)
- Black (81%)



- Cyan (94%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.2680, -15.3140, 2.2060 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 28.2680, -15.3140, 2.2060 by changing the saturation by 10% instead.

■ 28.2680, -15.3140,
2.2060

■ 28.2680, -15.3140,
2.2060

■ 252.0100, -5.9600,
-2.1200

■ 6.7140, -10.6380,
5.5700

■ 72.7950, -15.3600,
3.0400

■ 0.0000, 0.0000,
0.0000

■ 96.3220, -15.4060,
3.8740

■ 121.4360,
-15.7270, 4.1850

■ 147.4360,
-15.7270, 4.1850

■ 174.2510,
-16.6440, 4.2840

■ 201.3650,

-16.9650, 4.5950

■ 229.2510,
-16.6440, 4.2840

■ 28.2680, -15.3140,
2.2060

■ 28.2680, -15.3140,
2.2060

■ 25.0120, -17.4690,
2.7150

■ 31.5240, -13.1590,
1.6970

■ 22.3430, -19.8990,
2.7010

■ 34.1930, -10.7290,
1.7110

■ 19.0870, -22.0540,
3.2100

■ 37.4490, -8.5740,
1.2020

■ 40.1180, -6.1440,
1.2160

■ 43.0750, -4.5850,
0.4950

■ 46.3310, -2.4300,
-0.0140

■ 49.0000, -0.0000,
-0.0000

■ 52.2560, 2.1550,
-0.5090

■ 54.9250, 4.5850,
-0.4950

Harmonies

Analogous

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



25.2020, -24.1160, -3.4760



28.2680, -15.3140, 2.2060



30.9490, -3.9900, 6.2340

Triad

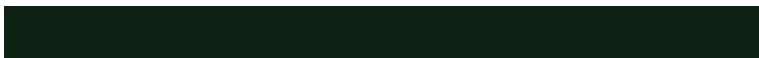
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.2680, -15.3140, 2.2060



30.2470, 15.5420, 4.6780



26.4240, -7.4260, -8.5940

Complementary

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



28.2680, -15.3140, 2.2060



35.7320, 15.3140, -2.2060

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.



28.1110, 3.7610, -7.5910



28.2680, -15.3140, 2.2060



29.7860, 15.2220, -0.5380

Square

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



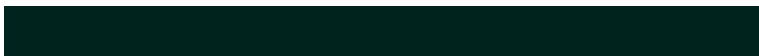
28.2680, -15.3140, 2.2060



30.6860, 12.9280, 8.0000



28.8840, 11.8300, -5.1460



24.2640, -18.6590, -8.7630

Rectangle

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



28.2680, -15.3140, 2.2060



31.1240, 2.8870, 8.2550



28.8840, 11.8300, -5.1460



27.5770, -3.4830, -8.4670

Sweetspot

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



28.2680, -15.3140, 2.2060



55.7050, -6.4190, 0.6930



37.0100, -15.1280, -12.1840



28.2600, -3.6680, 0.3960



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



28.2680, -15.3140, 2.2060



31.7170, -23.8880, 3.4080



19.1750, -10.3180, 10.7860



23.9290, -1.2380, 0.4100



34.8000, -40.1190, 5.7130



84.6120, -97.7070, 14.1410

Inverse Universe

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



26.9900, 15.1280, 12.1840



29.6970, 23.5630, 19.0110



44.8250, 10.3180, -10.7860



24.0110, 1.4670, 0.9470



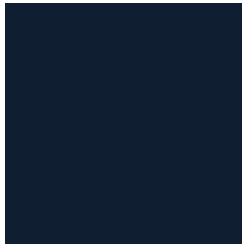
31.3990, 39.5620, 31.9300



76.5110, 96.5900, 77.7260

Previews

White Background



This preview shows how the YIQ color 28.2680, -15.3140, 2.2060 looks on a white background.

Color Contrast Check

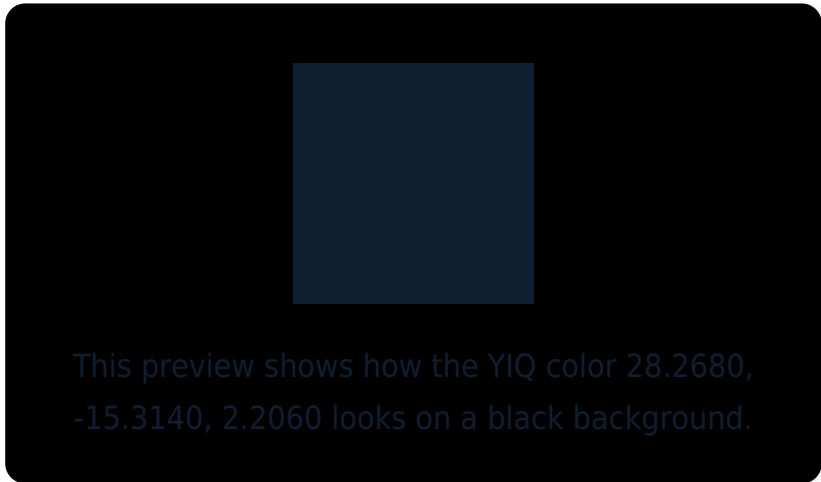
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

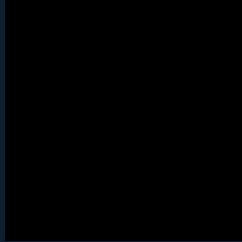
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 28.2680, -15.3140, 2.2060

Background



This preview shows how black text looks on a background with the YIQ color 28.2680, -15.3140, 2.2060.



This preview shows how white text looks on a background with the YIQ color 28.2680, -15.3140,

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

28.2680, -15.3140, 2.2060

Protanopia

29.9590, -9.9500, 4.1140

Deuteranopia

28.8770, -12.6550, 3.5770



Tritanopia

25.2580, -18.5220, -5.7380

Trichromacy



Original Color

28.2680, -15.3140, 2.2060

Protanomaly

29.0620, -11.7380, 3.4780

Deuteranomaly

28.5780, -13.2510, 3.3650

Tritanomaly

26.4370, -17.4680, -2.8120

Monochromacy



Original Color

28.2680, -15.3140, 2.2060

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.0040, -5.8230, 0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.2680, -15.3140, 2.2060 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(15, 31, 49)` looks like.

```
.text, #text, p{  
    color:rgb(15, 31, 49)  
}
```

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(15, 31, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 31, 49) }
```

Border

The CSS property to change the border of an element to YIQ 28.2680, -15.3140, 2.2060 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(15, 31, 49) }
```


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

```
.border{ border-color:rgb(15, 31, 49) }
```

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

Here you see how a box with a 4 pixel rgb(15, 31, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 31, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 31, 49);  
box-shadow:4px 4px 4px 4px rgb(15, 31, 49)  
}
```

Background

The CSS property to change the background color of an element to YIQ 28.2680, -15.3140, 2.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 31, 49) }
```

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

```
.background{ background-color: rgb(15, 31,  
49) }
```

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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