

Converting Colors

YIQ(27.2980, -6.8310, -2.8550)

Have a look what the booklet for
YIQ(27.2980, -6.8310, -2.8550)
contains.

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Color

**YIQ(27.2980, -6.8310,
-2.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	131F1E
RGB	19, 31, 30
RGB Percent	7%, 12%, 12%
CMY	0.9255, 0.8784, 0.8824
CMYK	0.39, 0.00, 0.03, 0.88
HSL	175°, 24%, 10%
HSV	175°, 39%, 12%
XYZ	0.9928, 1.2123, 1.4095
YIQ	27.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

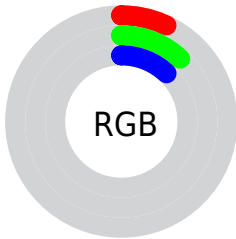
Format	Color
R_{YB}	19, 25, 31
Decimal	1253150
CIE _{Lab}	10.65, -5.56, -1.02
CIE _{LCh}	11, 5.656, 190.348
Yxy	1.2123, 0.2747, 0.3354
Android (android.graphics.Color)	4279443230 (0xFF131F1E)
YUV	27.2980, 1.3321, -7.2773
Hunter-Lab	11.0105, -3.1735, 0.1173

Details

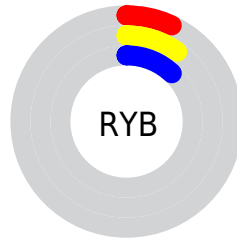
The YIQ color **27.2980, -6.8310, -2.8550** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.7020, 6.8310, 2.8550**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **70.9990, -7.4270, -3.0670**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.4010, -8.6190, -3.4910**, and if you desaturate by 10%, it is **28.1950, -5.0430, -2.2190**.

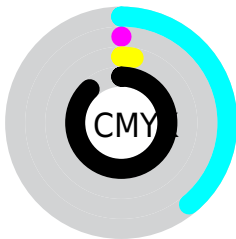
Distribution



- Red (7%)
- Green (12%)
- Blue (12%)



- Red (7%)
- Yellow (10%)
- Blue (12%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (88%)



- Cyan (93%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.2980, -6.8310, -2.8550 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 27.2980, -6.8310, -2.8550 by changing the saturation by 10% instead.

■ 27.2980, -6.8310,
-2.8550

■ 27.2980, -6.8310,
-2.8550

■ 251.7110, -6.5560,
-2.3320

■ 3.5050, -2.9800,
-1.0600

■ 70.9990, -7.4270,
-3.0670

■ 0.0000, 0.0000,
0.0000

■ 94.5860, -7.7020,
-3.5900

■ 119.2870, -8.2980,
-3.8020

■ 144.7000, -8.0230,
-3.2790

■ 171.2870, -8.2980,
-3.8020

■ 198.4010, -8.6190,

-3.4910

■ 226.9880, -8.8940,
-4.0140

■ 27.2980, -6.8310,
-2.8550

■ 27.2980, -6.8310,
-2.8550

■ 26.4010, -8.6190,
-3.4910

■ 28.1950, -5.0430,
-2.2190

■ 25.3900, -10.0860,
-4.4380

■ 29.2060, -3.5760,
-1.2720

■ 24.4930, -11.8740,
-5.0740

■ 30.1030, -1.7880,
-0.6360

■ 23.5960, -13.6620,
-5.7100

■ 31.0000, -0.0000,
-0.0000

■ 22.4000, -16.0460,
-6.5580

■ 31.8970, 1.7880,
0.6360

■ 21.3890, -17.5130,
-7.5050

■ 33.2070, 3.8510,
1.7950

■ 34.1040, 5.6390,
2.4310

■ 35.0010, 7.4270,
3.0670

■ 35.8980, 9.2150,
3.7030

Harmonies

Analogous

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



27.7390, -3.7590, -3.4630



27.2980, -6.8310, -2.8550



27.7540, -8.1150, -1.6110

Triad

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



27.2980, -6.8310, -2.8550



29.1080, -0.1840, 3.3360



29.1100, 5.5020, -0.5940

Complementary

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



27.2980, -6.8310, -2.8550



22.7020, 6.8310, 2.8550

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.



29.3490, 6.3270, 0.9750



27.2980, -6.8310, -2.8550



29.2610, 3.7590, 3.4630

Square

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



27.2980, -6.8310, -2.8550



28.9010, -4.0350, 1.5410



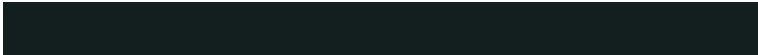
29.5170, 5.9140, 2.9540



28.3870, 3.1640, -2.2760

Rectangle

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



27.2980, -6.8310, -2.8550



27.5800, -7.5650, -0.5650



29.5170, 5.9140, 2.9540



28.8220, 6.3730, 0.1410

Sweetspot

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



27.2980, -6.8310, -2.8550



39.3910, -2.6590, -1.3710



26.3430, -2.7040, -6.0640



19.4020, -1.1920, -0.4240



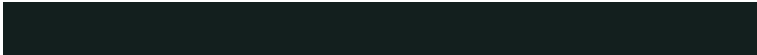
148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



27.2980, -6.8310, -2.8550



35.0910, -10.6820, -4.6500



24.4770, -5.7770, 0.0710



14.7010, -0.5960, -0.2120



54.5810, -44.8370, -18.9250



143.0550, -117.5940, -49.4820

Inverse Universe

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



22.7020, 6.8310, 2.8550



27.9090, 10.6820, 4.6500



25.5230, 5.7770, -0.0710



14.2990, 0.5960, 0.2120



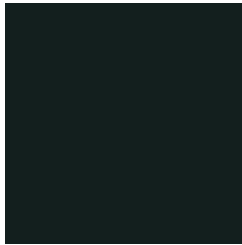
24.4190, 44.8370, 18.9250



63.8310, 117.9150, 49.1710

Previews

White Background



This preview shows how the YIQ color 27.2980, -6.8310, -2.8550 looks on a white background.

Color Contrast Check

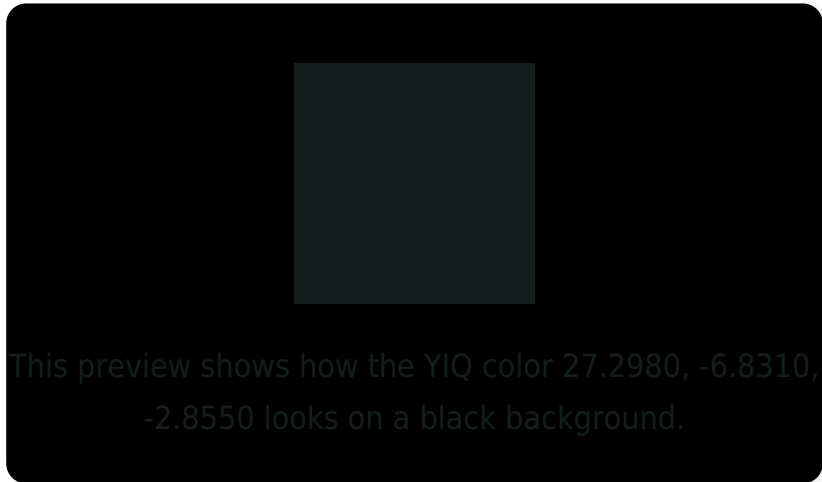
Large Text (above 18pt) WCAG AA ✓ Pass

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

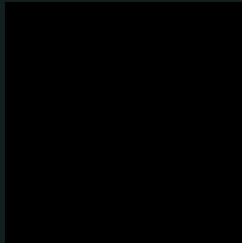
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

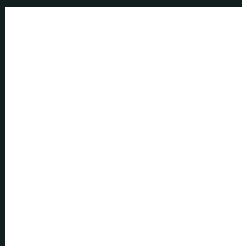
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 27.2980, -6.8310, -2.8550

Background



This preview shows how black text looks on a background with the YIQ color 27.2980, -6.8310, -2.8550.



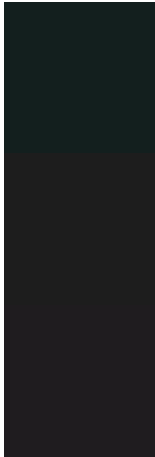
This preview shows how white text looks on a background with the YIQ color 27.2980, -6.8310, -2.8550.

-2.8550.

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

27.2980, -6.8310, -2.8550

Protanopia

29.0000, -0.0000, 0.0000

Deuteranopia

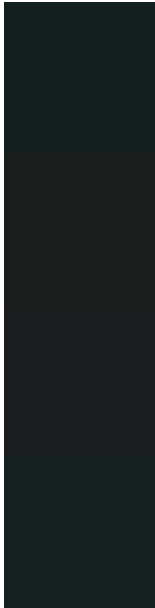
29.2390, 0.8250, 1.5690



Tritanopia

27.9390, -7.1980, -1.7100

Trichromacy



Original Color

27.2980, -6.8310, -2.8550

Protanomaly

28.3910, -2.6590, -1.3710

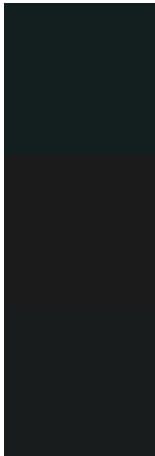
Deuteranomaly

28.6300, -1.8340, 0.1980

Tritanomaly

27.8250, -6.8770, -2.0210

Monochromacy



Original Color

27.2980, -6.8310, -2.8550

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.2980, -6.8310, -2.8550 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(19, 31, 30)` looks like.

```
.text, #text, p{  
    color:rgb(19, 31, 30)  
}
```

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(19, 31, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 31, 30) }
```

Border

The CSS property to change the border of an element to YIQ 27.2980, -6.8310, -2.8550 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(19, 31, 30) }
```


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

```
.border{ border-color:rgb(19, 31, 30) }
```

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

Here you see how a box with a 4 pixel rgb(19, 31, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 31, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 31, 30);  
box-shadow:4px 4px 4px 4px rgb(19, 31, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.2980, -6.8310, -2.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 31, 30) }
```

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

```
.background{ background-color: rgb(19, 31,  
30) }
```

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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