

Converting Colors

YIQ(27.8820, 6.1440, -1.2160)

Have a look what the booklet for
YIQ(27.8820, 6.1440, -1.2160)
contains.

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Color

**YIQ(27.8820, 6.1440,
-1.2160)**

Conversions

Conversions Part 1

Format	Color
Hex	211B13
RGB	33, 27, 19
RGB Percent	13%, 11%, 7%
CMY	0.8706, 0.8941, 0.9255
CMYK	0.00, 0.18, 0.42, 0.87
HSL	34°, 27%, 10%
HSV	34°, 42%, 13%
XYZ	1.1368, 1.1542, 0.7793
YIQ	27.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

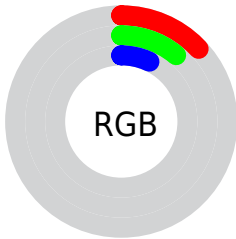
Format	Color
RYB	30, 33, 19
Decimal	2169619
CIELab	10.21, 1.35, 6.47
CIELCh	10, 6.604, 78.214
Yxy	1.1542, 0.3703, 0.3759
Android (android.graphics.Color)	4280359699 (0xFF211B13)
YUV	27.8820, -4.3788, 4.4885
Hunter-Lab	10.7432, 0.0868, 3.2194

Details

The YIQ color **27.8820, 6.1440, -1.2160** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.1180, -6.1440, 1.2160**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **71.0670, 7.0610, -1.3150**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.9530, 7.3820, -1.6260**, and if you desaturate by 10%, it is **28.8110, 4.9060, -0.8060**.

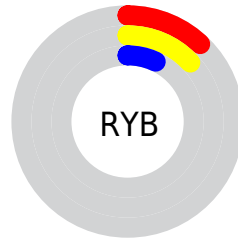
Distribution



Red (13%)

Green (11%)

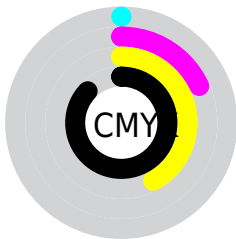
Blue (7%)



Red (12%)

Yellow (13%)

Blue (7%)

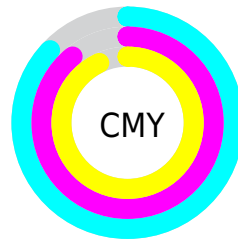


Cyan (0%)

Magenta (18%)

Yellow (42%)

Black (87%)



Cyan (87%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.8820, 6.1440, -1.2160 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 27.8820, 6.1440, -1.2160 by changing the saturation by 10% instead.

■ 27.8820, 6.1440,
-1.2160

■ 27.8820, 6.1440,
-1.2160

■ 253.0450, 4.1270,
-3.2090

■ 1.4950, 2.9800,
1.0600

■ 71.0670, 7.0610,
-1.3150

■ 0.0000, 0.0000,
0.0000

■ 94.9530, 7.3820,
-1.6260

■ 119.3660, 7.6570,
-1.1030

■ 145.2520, 7.9780,
-1.4140

■ 171.5510, 8.5740,
-1.2020

■ 199.4370, 8.8950,

-1.5130

■ 227.4370, 8.8950,
-1.5130

■ 27.8820, 6.1440,
-1.2160

■ 27.8820, 6.1440,
-1.2160

■ 26.9530, 7.3820,
-1.6260

■ 28.8110, 4.9060,
-0.8060

■ 25.3230, 9.2160,
-1.8240

■ 30.4410, 3.0720,
-0.6080

■ 24.3940, 10.4540,
-2.2340

■ 31.3700, 1.8340,
-0.1980

■ 22.8780, 11.9670,
-2.1210

■ 32.8860, 0.3210,
-0.3110

■ 21.9490, 13.2050,
-2.5310

■ 33.9290, -1.2380,
0.4100

■ 21.0200, 14.4430,
-2.9410

■ 34.8580, -2.4760,
0.8200

■ 36.3740, -3.9890,
0.7070

■ 37.3030, -5.2270,
1.1170

■ 38.9330, -7.0610,
1.3150

Harmonies

Analogous

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



28.4200, 7.5650, 0.5650



27.8820, 6.1440, -1.2160



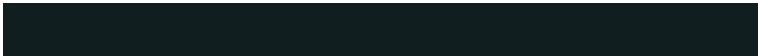
26.9740, 2.8890, -2.7990

Triad

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



27.8820, 6.1440, -1.2160



25.9280, -8.6650, -2.6570



28.7060, 1.0080, 3.7600

Complementary

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



27.8820, 6.1440, -1.2160



24.1180, -6.1440, 1.2160

Split Complementary

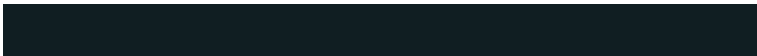
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.7270, -3.4850, 2.5870



27.8820, 6.1440, -1.2160



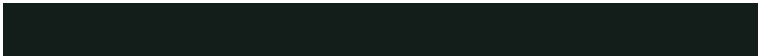
26.2700, -9.6280, -1.7240

Square

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



27.8820, 6.1440, -1.2160



26.2550, -5.2720, -3.5760



27.2210, -7.9320, 0.5800



28.8590, 4.9510, 3.8870

Rectangle

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



27.8820, 6.1440, -1.2160



26.8920, 0.1840, -3.3360



27.2210, -7.9320, 0.5800



28.2220, -0.5050, 3.6470

Sweetspot

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



27.8820, 6.1440, -1.2160



41.2560, 2.1550, -0.5090



23.8700, 6.4180, 4.8340



21.3700, 1.8340, -0.1980



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



27.8820, 6.1440, -1.2160



35.2090, 9.5370, -2.1350



31.1050, 3.8980, -4.5660



14.8860, 0.3210, -0.3110



50.0360, 34.7090, -6.7870



131.1590, 90.9220, -17.8300

Inverse Universe

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



24.1180, -6.1440, 1.2160



29.3780, -9.8120, 1.6120



20.8950, -3.8980, 4.5660



14.1140, -0.3210, 0.3110



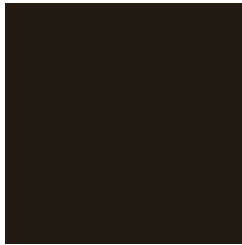
28.9640, -34.7090, 6.7870



75.8410, -90.9220, 17.8300

Previews

White Background



This preview shows how the YIQ color 27.8820, 6.1440, -1.2160 looks on a white background.

Color Contrast Check

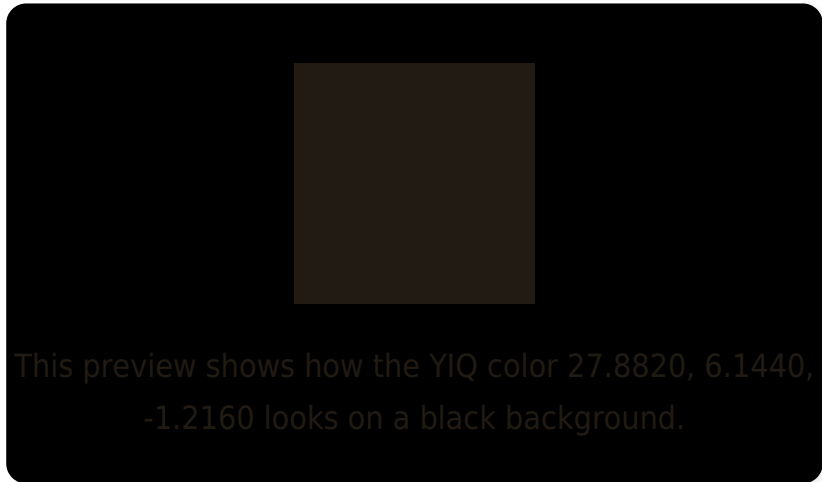
Large Text (above 18pt) WCAG AA ✓ Pass

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

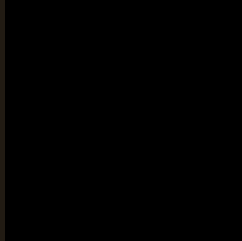
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.8820, 6.1440, -1.2160

Background



This preview shows how black text looks on a background with the YIQ color 27.8820, 6.1440, -1.2160.



This preview shows how white text looks on a background with the YIQ color 27.8820, 6.1440,

-1.2160.

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

27.8820, 6.1440, -1.2160

Protanopia

27.5720, 4.0810, -2.3750

Deuteranopia

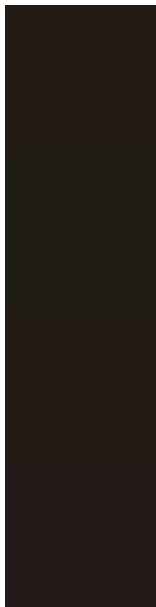
27.8820, 6.1440, -1.2160



Tritanopia

28.6200, 4.1260, 2.3180

Trichromacy



Original Color

27.8820, 6.1440, -1.2160

Protanomaly

27.8710, 4.6770, -2.1630

Deuteranomaly

27.8820, 6.1440, -1.2160

Tritanomaly

28.2780, 5.0890, 1.3850

Monochromacy



Original Color

27.8820, 6.1440, -1.2160

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.2560, 2.1550, -0.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.8820, 6.1440, -1.2160 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(33, 27, 19)` looks like.

```
.text, #text, p{  
    color:rgb(33, 27, 19)  
}
```

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(33, 27, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 27, 19) }
```

Border

The CSS property to change the border of an element to YIQ 27.8820, 6.1440, -1.2160 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(33, 27, 19) }
```


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

```
.border{ border-color:rgb(33, 27, 19) }
```

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

Here you see how a box with a 4 pixel rgb(33, 27, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 27, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 27, 19);  
box-shadow:4px 4px 4px 4px rgb(33, 27, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.8820, 6.1440, -1.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 27, 19) }
```

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

```
.background{ background-color: rgb(33, 27,  
19) }
```

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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