

Converting Colors

YIQ(30.0980, 5.7760, 5.4560)

Have a look what the booklet for
YIQ(30.0980, 5.7760, 5.4560)
contains.

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Color

YIQ(30.0980, 5.7760, 5.4560)

Conversions

Conversions Part 1

Format	Color
Hex	271921
RGB	39, 25, 33
RGB Percent	15%, 10%, 13%
CMY	0.8470, 0.9020, 0.8706
CMYK	0.00, 0.36, 0.15, 0.85
HSL	326°, 22%, 13%
HSV	326°, 36%, 15%
XYZ	1.4591, 1.2364, 1.6009
YIQ	30.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

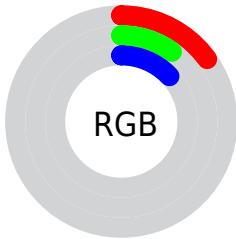
Format	Color
R _Y B	39, 25, 33
Decimal	2562337
CIE Lab	10.82, 8.65, -2.75
CIE LCh	11, 9.078, 342.366
Yxy	1.2364, 0.3396, 0.2878
Android (android.graphics.Color)	4280752417 (0xFF271921)
YUV	30.0980, 1.4307, 7.8071
Hunter-Lab	11.1192, 3.9656, -0.7529

Details

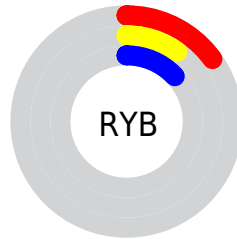
The YIQ color **30.0980, 5.7760, 5.4560** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.9020, -5.7760, -5.4560**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **73.8100, 6.6470, 6.1910**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.5220, 7.5180, 6.9260**, and if you desaturate by 10%, it is **32.6740, 4.0340, 3.9860**.

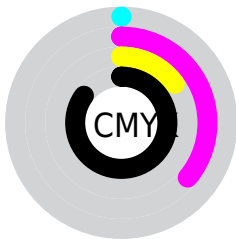
Distribution



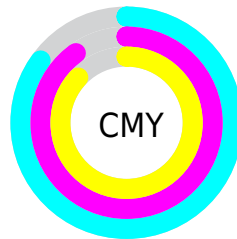
- Red (15%)
- Green (10%)
- Blue (13%)



- Red (15%)
- Yellow (10%)
- Blue (13%)



- Cyan (0%)
- Magenta (36%)
- Yellow (15%)
- Black (85%)



- Cyan (85%)
- Magenta (90%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.0980, 5.7760, 5.4560 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 30.0980, 5.7760, 5.4560 by changing the saturation by 10% instead.

■ 30.0980, 5.7760,
5.4560

■ 30.0980, 5.7760,
5.4560

■ 253.2390, 0.8250,
1.5690

■ 7.1200, 8.7100,
7.3500

■ 73.8100, 6.6470,
6.1910

■ 0.0000, 0.0000,
0.0000

■ 98.1090, 7.2430,
6.4030

■ 122.5220, 7.5180,
6.9260

■ 148.5220, 7.5180,
6.9260

■ 174.8210, 8.1140,
7.1380

■ 202.8210, 8.1140,

7.1380

230.2340, 8.3890,
7.6610

30.0980, 5.7760,
5.4560

30.0980, 5.7760,
5.4560

27.5220, 7.5180,
6.9260

32.6740, 4.0340,
3.9860

25.0600, 8.9390,
8.7070

35.1360, 2.6130,
2.2050

22.4840, 10.6810,
10.1770

37.7120, 0.8710,
0.7350

19.9080, 12.4230,
11.6470

40.2880, -0.8710,
-0.7350

17.4460, 13.8440,
13.4280

42.7500, -2.2920,
-2.5160

■ 15.4570, 15.3110,
14.3750

■ 44.7390, -3.7590,
-3.4630

■ 14.1690, 16.1820,
15.1100

■ 47.3150, -5.5010,
-4.9330

■ 49.7770, -6.9220,
-6.7140

■ 52.3530, -8.6640,
-8.1840

Harmonies

Analogous

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



30.0480, 0.0450, 4.6930



30.0980, 5.7760, 5.4560



30.0120, 8.8940, 4.0140

Triad

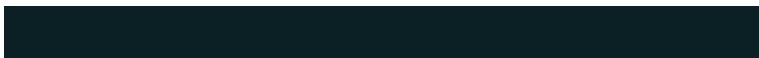
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.0980, 5.7760, 5.4560



28.7030, 5.0900, -4.1420



25.9920, -14.7170, -3.1090

Complementary

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



30.0980, 5.7760, 5.4560



33.9020, -5.7760, -5.4560

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.



26.3080, -12.7910, -4.9750



30.0980, 5.7760, 5.4560



27.6530, -0.6410, -4.9050

Square

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



30.0980, 5.7760, 5.4560



28.8500, 9.1700, -0.9900



26.7170, -6.6930, -5.3570



27.6550, -12.1500, -0.0700

Rectangle

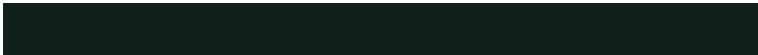
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.0980, 5.7760, 5.4560



29.5560, 10.1780, 2.7700



26.7170, -6.6930, -5.3570



25.7640, -14.0750, -3.7310

Sweetspot

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



30.0980, 5.7760, 5.4560



47.2500, 2.2920, 2.5160



28.3900, -0.9180, 5.6260



23.4240, 1.7420, 1.4700



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



30.0980, 5.7760, 5.4560



37.0600, 8.9390, 8.7070



29.3000, 8.0230, 3.2790



18.8260, 0.5500, 1.0460



30.5880, 34.6560, 32.7360



77.1820, 87.5110, 82.5750

Inverse Universe

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



30.0980, 5.7760, 5.4560



37.0600, 8.9390, 8.7070



34.7000, -8.0230, -3.2790



18.8260, 0.5500, 1.0460



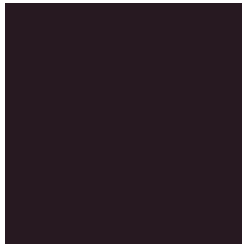
30.5880, 34.6560, 32.7360



77.1820, 87.5110, 82.5750

Previews

White Background



This preview shows how the YIQ color 30.0980, 5.7760, 5.4560 looks on a white background.

Color Contrast Check

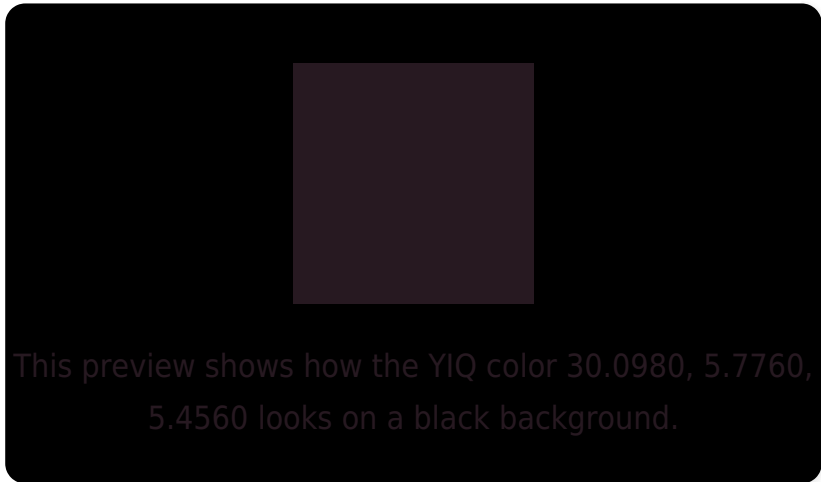
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0980, 5.7760, 5.4560

Background



This preview shows how black text looks on a background with the YIQ color 30.0980, 5.7760, 5.4560.

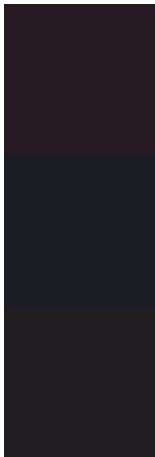


This preview shows how white text looks on a background with the YIQ color 30.0980, 5.7760, 5.4560.

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

30.0980, 5.7760, 5.4560

Protanopia

29.4990, -2.8430, 1.9650

Deuteranopia

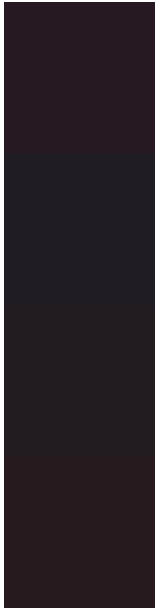
29.9400, 0.2290, 1.3570



Tritanopia

29.8160, 6.5100, 3.1660

Trichromacy



Original Color

30.0980, 5.7760, 5.4560

Protanomaly

29.9940, 0.1370, 3.0250

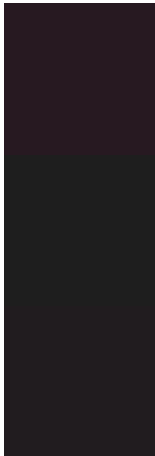
Deuteranomaly

30.2500, 2.2920, 2.5160

Tritanomaly

30.0440, 5.8680, 3.7880

Monochromacy



Original Color

30.0980, 5.7760, 5.4560

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.8370, 2.0170, 1.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.0980, 5.7760, 5.4560 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(39, 25, 33)` looks like.

```
.text, #text, p{  
    color:rgb(39, 25, 33)  
}
```

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(39, 25, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 25, 33) }
```

Border

The CSS property to change the border of an element to YIQ 30.0980, 5.7760, 5.4560 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(39, 25, 33) }
```

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

```
.border{ border-color:rgb(39, 25, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 25, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 25, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 25, 33);  
box-shadow:4px 4px 4px 4px rgb(39, 25, 33)  
}
```


Background

The CSS property to change the background color of an element to YIQ 30.0980, 5.7760, 5.4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 25, 33) }
```

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

```
.background{ background-color: rgb(39, 25,  
33) }
```

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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