

Converting Colors

YIQ(61.0980, 5.7760, 5.4560)

Have a look what the booklet for
YIQ(61.0980, 5.7760, 5.4560)
contains.

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Color

YIQ(61.0980, 5.7760, 5.4560)

Conversions

Conversions Part 1

Format	Color
Hex	463840
RGB	70, 56, 64
RGB Percent	27%, 22%, 25%
CMY	0.7255, 0.7804, 0.7490
CMYK	0.00, 0.20, 0.09, 0.73
HSL	326°, 11%, 25%
HSV	326°, 20%, 27%
XYZ	4.8659, 4.5004, 5.4633
YIQ	61.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

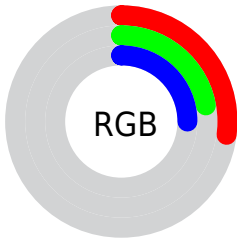
Format	Color
R_{YB}	70, 56, 64
Decimal	4601920
CIE Lab	25.26, 7.81, -2.63
CIE LCh	25, 8.237, 341.403
Yxy	4.5004, 0.3281, 0.3035
Android (android.graphics.Color)	4282792000 (0xFF463840)
YUV	61.0980, 1.4307, 7.8071
Hunter-Lab	21.2143, 3.8176, -0.4191

Details

The YIQ color **61.0980, 5.7760, 5.4560** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.9020, -5.7760, -5.4560**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **108.5110, 6.0510, 5.9790**, and **18.2120, 5.4550, 5.7670** is the 20% darker color. If you saturate the color by 10%, you get **56.6470, 8.6640, 8.1840**, and if you desaturate by 10%, it is **65.5490, 2.8880, 2.7280**.

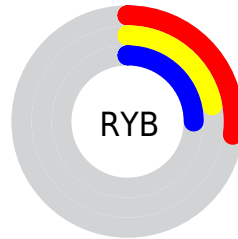
Distribution



Red (27%)

Green (22%)

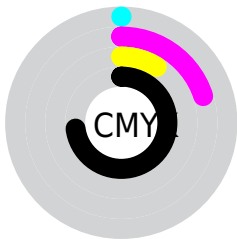
Blue (25%)



Red (27%)

Yellow (22%)

Blue (25%)

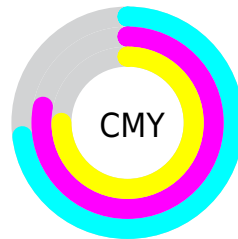


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (73%)



Cyan (73%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.0980, 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 61.0980, 5.7760, 5.4560 by changing the saturation by 10% instead.

■ 61.0980, 5.7760,
5.4560

■ 61.0980, 5.7760,
5.4560

■ 255.0000, -0.0000,
-0.0000

■ 39.0980, 5.7760,
5.4560

■ 108.5110, 6.0510,
5.9790

■ 18.2120, 5.4550,
5.7670

■ 133.8100, 6.6470,
6.1910

■ 0.0000, 0.0000,
0.0000

■ 160.1090, 7.2430,
6.4030

■ 187.1090, 7.2430,
6.4030

■ 214.5220, 7.5180,
6.9260

■ 243.5220, 7.5180,

6.9260

■ 61.0980, 5.7760,
5.4560

■ 61.0980, 5.7760,
5.4560

■ 56.6470, 8.6640,
8.1840

■ 65.5490, 2.8880,
2.7280

■ 52.1960, 11.5520,
10.9120

■ 70.0000, 0.0000,
0.0000

■ 47.7450, 14.4400,
13.6400

■ 74.4510, -2.8880,
-2.7280

■ 43.2940, 17.3280,
16.3680

■ 78.9020, -5.7760,
-5.4560

■ 38.8430, 20.2160,
19.0960

■ 83.3530, -8.6640,
-8.1840

■ 34.3920, 23.1040,
21.8240

■ 87.8040, -11.5520,
-10.9120

■ 29.9410, 25.9920,
24.5520

■ 92.2550, -14.4400,
-13.6400

■ 25.4900, 28.8800,
27.2800

■ 96.7060, -17.3280,
-16.3680

■ 101.1570,
-20.2160, -19.0960

Harmonies

Analogous

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



61.0480, 0.0450, 4.6930



61.0980, 5.7760, 5.4560



61.3110, 9.4900, 4.2260

Triad

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



61.0980, 5.7760, 5.4560



59.2300, 5.0440, -3.3080



57.8890, -12.9290, -2.4730

Complementary

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



61.0980, 5.7760, 5.4560



64.9020, -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.



57.7920, -11.2780, -4.8620



61.0980, 5.7760, 5.4560



58.5390, -0.3200, -5.2160

Square

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



61.0980, 5.7760, 5.4560



59.8500, 9.1700, -0.9900



58.0160, -6.0970, -5.1450



58.8400, -11.2330, -0.1690

Rectangle

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



61.0980, 5.7760, 5.4560



60.8550, 10.7740, 2.9820



58.0160, -6.0970, -5.1450



57.3620, -12.8830, -3.3070

Sweetspot

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



61.0980, 5.7760, 5.4560



88.1360, 2.6130, 2.2050



59.3900, -0.9180, 5.6260



44.1250, 1.1460, 1.2580



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



61.0980, 5.7760, 5.4560



77.9460, 9.2600, 8.3960



60.3000, 8.0230, 3.2790



33.4240, 1.7420, 1.4700



36.0990, 40.7070, 38.7150



82.6930, 93.5620, 88.5540

Inverse Universe

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



61.0980, 5.7760, 5.4560



77.9460, 9.2600, 8.3960



65.7000, -8.0230, -3.2790



33.4240, 1.7420, 1.4700



36.0990, 40.7070, 38.7150



82.6930, 93.5620, 88.5540

Previews

White Background



This preview shows how the YIQ color 61.0980, 5.7760, 5.4560 looks on a white background.

Color Contrast Check

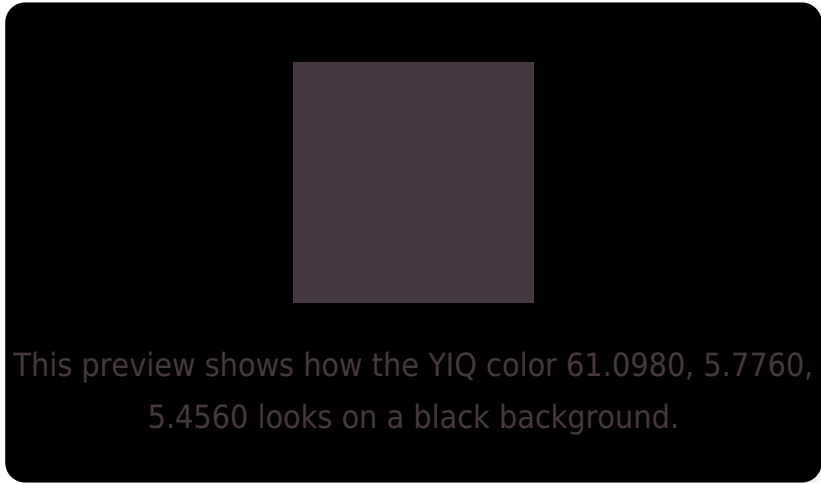
Large Text (above 18pt) WCAG AA ✓ Pass

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

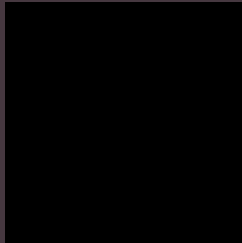
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.0980, 5.7760, 5.4560

Background



This preview shows how black text looks on a background with the YIQ color 61.0980, 5.7760, 5.4560.

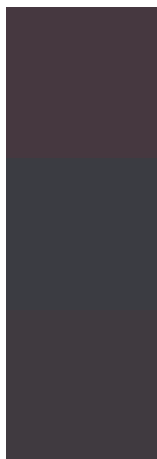


This preview shows how white text looks on a background with the YIQ color 61.0980, 5.7760, 5.4560.

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

61.0980, 5.7760, 5.4560

Protanopia

60.3850, -2.5220, 1.6540

Deuteranopia

60.4780, 1.6500, 3.1380



Tritanopia

61.3430, 6.4640, 4.0000

Trichromacy



Original Color

61.0980, 5.7760, 5.4560

Protanomaly

60.8800, 0.4580, 2.7140

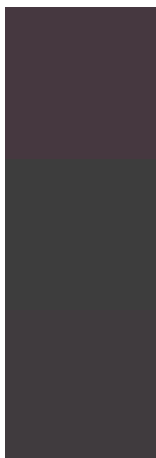
Deuteranomaly

60.4890, 3.1170, 4.0850

Tritanomaly

61.4570, 6.1430, 4.3110

Monochromacy



Original Color

61.0980, 5.7760, 5.4560

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.8370, 2.0170, 1.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.0980, 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(70, 56, 64)` looks like.

```
.text, #text, p{  
    color:rgb(70, 56, 64)  
}
```

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(70, 56, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 56, 64) }
```

Border

The CSS property to change the border of an element to YIQ 61.0980, 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(70, 56, 64) }
```

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

```
.border{ border-color:rgb(70, 56, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 56, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 56, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 56, 64);  
box-shadow:4px 4px 4px 4px rgb(70, 56, 64)  
}
```


Background

The CSS property to change the background color of an element to YIQ 61.0980, 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(70, 56, 64) }
```

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

```
.background{ background-color: rgb(70, 56,  
64) }
```

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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