

Converting Colors

YIQ(51.2060, -3.5760, -1.2720)

Have a look what the booklet for
YIQ(51.2060, -3.5760, -1.2720)
contains.

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Color

**YIQ(51.2060, -3.5760,
-1.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3535
RGB	47, 53, 53
RGB Percent	18%, 21%, 21%
CMY	0.8157, 0.7921, 0.7922
CMYK	0.11, 0.00, 0.00, 0.79
HSL	180°, 6%, 20%
HSV	180°, 11%, 21%
XYZ	3.0879, 3.4077, 3.8627
YIQ	51.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

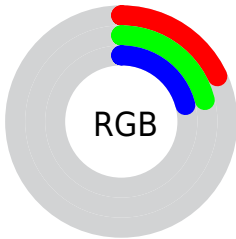
Format	Color
RYB	47, 50, 53
Decimal	3093813
CIELab	21.61, -2.56, -0.88
CIElCh	22, 2.706, 198.878
Yxy	3.4077, 0.2981, 0.3290
Android (android.graphics.Color)	4281283893 (0xFF2F3535)
YUV	51.2060, 0.8844, -3.6887
Hunter-Lab	18.4599, -2.4466, 0.5156

Details

The YIQ color **51.2060, -3.5760, -1.2720** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.7940, 3.5760, 1.2720**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **97.2060, -3.5760, -1.2720**, and **5.6080, -4.7680, -1.6960** is the 20% darker color. If you saturate the color by 10%, you get **49.7110, -6.5560, -2.3320**, and if you desaturate by 10%, it is **52.7010, -0.5960, -0.2120**.

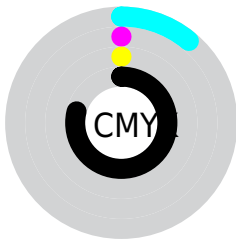
Distribution



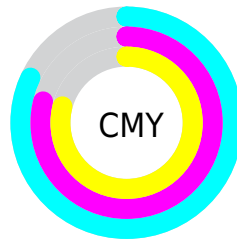
- Red (18%)
- Green (21%)
- Blue (21%)



- Red (18%)
- Yellow (20%)
- Blue (21%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (79%)



- Cyan (82%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.2060, -3.5760, -1.2720 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 51.2060, -3.5760, -1.2720 by changing the saturation by 10% instead.

■ 51.2060, -3.5760,
-1.2720

■ 51.2060, -3.5760,
-1.2720

■ 255.0000, -0.0000,
-0.0000

■ 30.2060, -3.5760,
-1.2720

■ 97.2060, -3.5760,
-1.2720

■ 5.6080, -4.7680,
-1.6960

■ 122.2060, -3.5760,
-1.2720

■ 0.0000, 0.0000,
0.0000

■ 147.9070, -4.1720,
-1.4840

■ 174.9070, -4.1720,
-1.4840

■ 201.9070, -4.1720,
-1.4840

■ 230.4940, -4.4470,

-2.0070

254.4020, -1.1920,
-0.4240

■ 51.2060, -3.5760,
-1.2720

■ 51.2060, -3.5760,
-1.2720

■ 49.7110, -6.5560,
-2.3320

■ 52.7010, -0.5960,
-0.2120

■ 47.9170, -10.1320,
-3.6040

■ 54.4950, 2.9800,
1.0600

■ 46.4220, -13.1120,
-4.6640

■ 55.9900, 5.9600,
2.1200

■ 44.9270, -16.0920,
-5.7240

■ 57.4850, 8.9400,
3.1800

■ 43.1330, -19.6680,
-6.9960

■ 58.9800, 11.9200,
4.2400

■ 41.6380, -22.6480,
-8.0560

■ 60.7740, 15.4960,
5.5120

■ 40.1430, -25.6280,
-9.1160

■ 62.2690, 18.4760,
6.5720

■ 38.6480, -28.6080,
-10.1760

■ 63.7640, 21.4560,
7.6320

■ 37.1530, -31.5880,
-11.2360

■ 65.5580, 25.0320,
8.9040

Harmonies

Analogous

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



51.2770, -2.3380, -1.6820



51.2060, -3.5760, -1.2720



51.4340, -4.2180, -0.6500

Triad

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



51.2060, -3.5760, -1.2720



52.2390, 0.8250, 1.5690



51.5550, 2.7510, -0.2970

Complementary

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



51.2060, -3.5760, -1.2720



48.7940, 3.5760, 1.2720

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.



52.2670, 3.6220, 0.4380



51.2060, -3.5760, -1.2720



52.4240, 1.7420, 1.4700

Square

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



51.2060, -3.5760, -1.2720



52.1570, -1.8800, 1.0320



52.4950, 2.9800, 1.0600



51.5440, 1.2840, -1.2440

Rectangle

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



51.2060, -3.5760, -1.2720



51.1460, -3.3470, 0.0850



52.4950, 2.9800, 1.0600



51.8540, 3.3470, -0.0850

Sweetspot

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



51.2060, -3.5760, -1.2720



68.4020, -1.1920, -0.4240



50.5220, -1.6500, -3.1380



35.4020, -1.1920, -0.4240



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



51.2060, -3.5760, -1.2720



66.0100, -5.9600, -2.1200



49.4450, -2.7510, 0.2970



24.9890, -1.4670, -0.9470



62.3890, -53.0440, -18.8680



152.0030, -129.0110, -46.3150

Inverse Universe

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



48.7940, 3.5760, 1.2720



61.9900, 5.9600, 2.1200



50.5550, 2.7510, -0.2970



23.8970, 1.7880, 0.6360



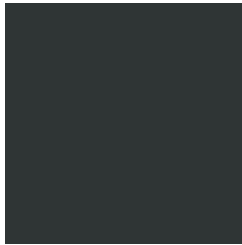
26.6110, 53.0440, 18.8680



64.8830, 129.3320, 46.0040

Previews

White Background



This preview shows how the YIQ color 51.2060, -3.5760, -1.2720 looks on a white background.

Color Contrast Check

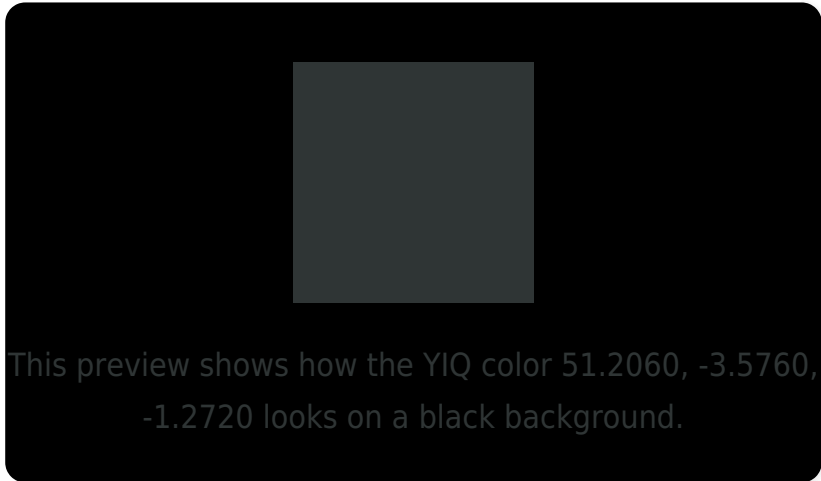
Large Text (above 18pt) WCAG AA ✓ Pass

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

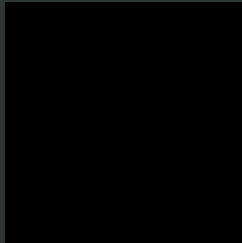
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.2060, -3.5760, -1.2720

Background



This preview shows how black text looks on a background with the YIQ color 51.2060, -3.5760, -1.2720.



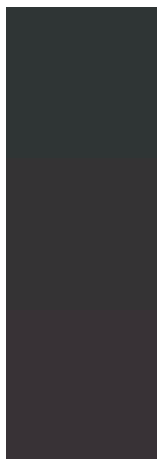
This preview shows how white text looks on a background with the YIQ color 51.2060, -3.5760, -1.2720.

-1.2720.

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

51.2060, -3.5760, -1.2720

Protanopia

51.4130, 0.2750, 0.5230

Deuteranopia

52.2500, 2.2920, 2.5160



Tritanopia

51.3740, -3.9890, 0.7070

Trichromacy



Original Color

51.2060, -3.5760, -1.2720

Protanomaly

51.4020, -1.1920, -0.4240

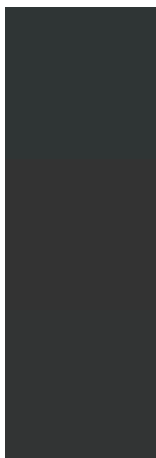
Deuteranomaly

51.9400, 0.2290, 1.3570

Tritanomaly

51.2600, -3.6680, 0.3960

Monochromacy



Original Color

51.2060, -3.5760, -1.2720

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

51.4020, -1.1920, -0.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.2060, -3.5760, -1.2720 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(47, 53, 53)` looks like.

```
.text, #text, p{  
    color:rgb(47, 53, 53)  
}
```

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(47, 53, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 53, 53) }
```

Border

The CSS property to change the border of an element to YIQ 51.2060, -3.5760, -1.2720 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(47, 53, 53) }
```


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

```
.border{ border-color:rgb(47, 53, 53) }
```

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

Here you see how a box with a 4 pixel rgb(47, 53, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 53, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 53, 53);  
box-shadow:4px 4px 4px 4px rgb(47, 53, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.2060, -3.5760, -1.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 53, 53) }
```

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

```
.background{ background-color: rgb(47, 53,  
53) }
```

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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