

Converting Colors

YIQ(51.5970, -6.2350, -2.6430)

Have a look what the booklet for
YIQ(51.5970, -6.2350, -2.6430)
contains.

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Color

**YIQ(51.5970, -6.2350,
-2.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3736
RGB	44, 55, 54
RGB Percent	17%, 22%, 21%
CMY	0.8275, 0.7843, 0.7883
CMYK	0.20, 0.00, 0.02, 0.78
HSL	174°, 11%, 19%
HSV	174°, 20%, 22%
XYZ	3.0705, 3.5344, 4.0097
YIQ	51.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

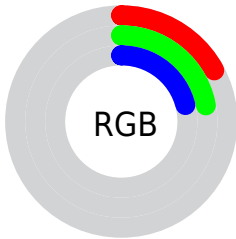
Format	Color
RYB	44, 50, 55
Decimal	2897718
CIELab	22.07, -4.84, -0.90
CIELCh	22, 4.928, 190.574
Yxy	3.5344, 0.2893, 0.3330
Android (android.graphics.Color)	4281087798 (0xFF2C3736)
YUV	51.5970, 1.1847, -6.6626
Hunter-Lab	18.8001, -3.7465, 0.5147

Details

The YIQ color **51.5970, -6.2350, -2.6430** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **47.4030, 6.2350, 2.6430**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.2980, -6.8310, -2.8550**, and **7.5970, -6.2350, -2.6430** is the 20% darker color. If you saturate the color by 10%, you get **49.6890, -9.4900, -4.2260**, and if you desaturate by 10%, it is **53.0920, -3.2550, -1.5830**.

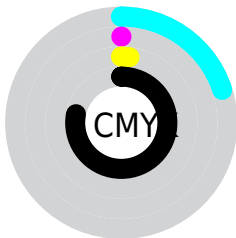
Distribution



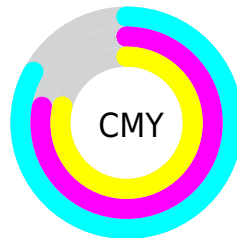
- Red (17%)
- Green (22%)
- Blue (21%)



- Red (17%)
- Yellow (20%)
- Blue (22%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (78%)



- Cyan (83%)
- Magenta (78%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.5970, -6.2350, -2.6430 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 51.5970, -6.2350, -2.6430 by changing the saturation by 10% instead.

■ 51.5970, -6.2350,
-2.6430

■ 51.5970, -6.2350,
-2.6430

■ 255.0000, -0.0000,
-0.0000

■ 30.5970, -6.2350,
-2.6430

■ 98.2980, -6.8310,
-2.8550

■ 7.5970, -6.2350,
-2.6430

■ 122.9990, -7.4270,
-3.0670

■ 0.0000, 0.0000,
0.0000

■ 148.8850, -7.1060,
-3.3780

■ 174.9990, -7.4270,
-3.0670

■ 202.7000, -8.0230,
-3.2790

■ 230.7000, -8.0230,

-3.2790

253.5050, -2.9800,
-1.0600

51.5970, -6.2350,
-2.6430

51.5970, -6.2350,
-2.6430

49.6890, -9.4900,
-4.2260

53.0920, -3.2550,
-1.5830

48.1940, -12.4700,
-5.2860

55.0000, 0.0000,
0.0000

46.2860, -15.7250,
-6.8690

56.6090, 2.6590,
1.3710

44.7910, -18.7050,
-7.9290

58.4030, 6.2350,
2.6430

42.8830, -21.9600,
-9.5120

60.0120, 8.8940,
4.0140

■ 41.3880, -24.9400,
-10.5720

■ 61.8060, 12.4700,
5.2860

■ 39.4800, -28.1950,
-12.1550

■ 63.4150, 15.1290,
6.6570

■ 37.9850, -31.1750,
-13.2150

■ 65.2090, 18.7050,
7.9290

■ 66.8180, 21.3640,
9.3000

Harmonies

Analogous

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



51.7390, -3.7590, -3.4630



51.5970, -6.2350, -2.6430



51.9390, -7.1980, -1.7100

Triad

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



51.5970, -6.2350, -2.6430



52.9940, 0.1370, 3.0250



53.1100, 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.



51.5970, -6.2350, -2.6430



47.4030, 6.2350, 2.6430

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.



53.3490, 6.3270, 0.9750



51.5970, -6.2350, -2.6430



53.8480, 3.4840, 2.9400

Square

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



51.5970, -6.2350, -2.6430



53.2000, -3.4390, 1.7530



53.5170, 5.9140, 2.9540



52.5010, 2.8430, -1.9650

Rectangle

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



51.5970, -6.2350, -2.6430



51.8790, -6.9690, -0.3530



53.5170, 5.9140, 2.9540



52.9360, 6.0520, 0.4520

Sweetspot

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



51.5970, -6.2350, -2.6430



69.8040, -2.3840, -0.8480



50.7560, -2.4290, -5.5410



34.9890, -1.4670, -0.9470



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.



51.5970, -6.2350, -2.6430



65.8030, -9.8110, -3.9150



49.3630, -5.4560, -0.2400



27.1030, -1.7880, -0.6360



63.4660, -51.9430, -22.3030



151.2390, -124.1040, -52.6480

Inverse Universe

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



47.4030, 6.2350, 2.6430



59.3110, 9.4900, 4.2260



49.6370, 5.4560, 0.2400



26.0110, 1.4670, 0.9470



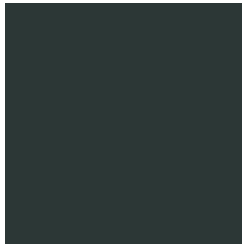
28.4200, 52.2640, 21.9920



67.7610, 124.1040, 52.6480

Previews

White Background



This preview shows how the YIQ color 51.5970, -6.2350, -2.6430 looks on a white background.

Color Contrast Check

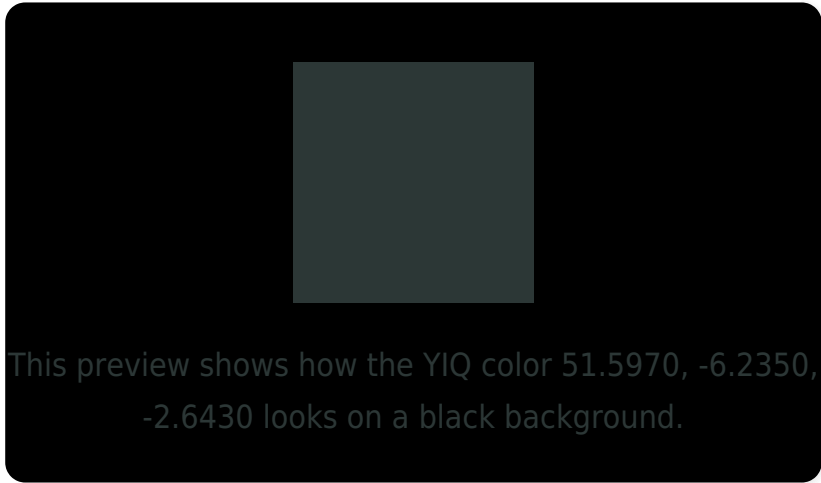
Large Text (above 18pt) WCAG AA ✓ Pass

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

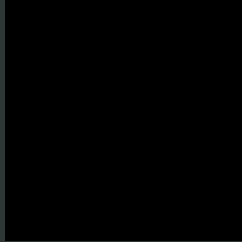
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

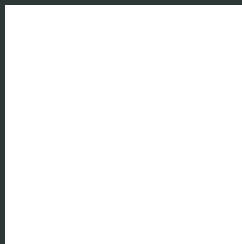
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 51.5970, -6.2350, -2.6430

Background



This preview shows how black text looks on a background with the YIQ color 51.5970, -6.2350, -2.6430.



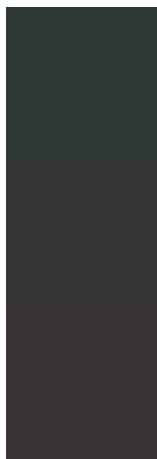
This preview shows how white text looks on a background with the YIQ color 51.5970, -6.2350,

-2.6430.

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

51.5970, -6.2350, -2.6430

Protanopia

52.7120, 0.8710, 0.7350

Deuteranopia

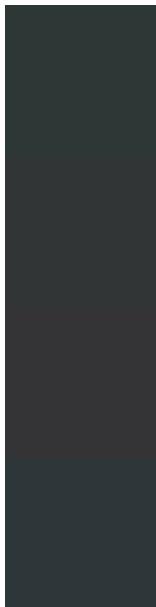
53.2500, 2.2920, 2.5160



Tritanopia

51.8790, -6.9690, -0.3530

Trichromacy



Original Color

51.5970, -6.2350, -2.6430

Protanomaly

52.1030, -1.7880, -0.6360

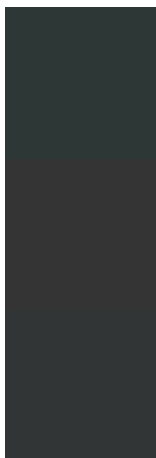
Deuteranomaly

52.3420, -0.9630, 0.9330

Tritanomaly

51.6510, -6.3270, -0.9750

Monochromacy



Original Color

51.5970, -6.2350, -2.6430

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.5970, -6.2350, -2.6430 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(44, 55, 54)` looks like.

```
.text, #text, p{  
    color:rgb(44, 55, 54)  
}
```

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(44, 55, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 55, 54) }
```

Border

The CSS property to change the border of an element to YIQ 51.5970, -6.2350, -2.6430 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(44, 55, 54) }
```


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

```
.border{ border-color:rgb(44, 55, 54) }
```

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

Here you see how a box with a 4 pixel rgb(44, 55, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 55, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 55, 54);  
box-shadow:4px 4px 4px 4px rgb(44, 55, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.5970, -6.2350, -2.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 55, 54) }
```

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

```
.background{ background-color: rgb(44, 55,  
54) }
```

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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