

Converting Colors

YIQ(50.3530, 0.5040, 1.8800)

Have a look what the booklet for
YIQ(50.3530, 0.5040, 1.8800)
contains.

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Color

YIQ(50.3530, 0.5040, 1.8800)

Conversions

Conversions Part 1

Format	Color
Hex	343135
RGB	52, 49, 53
RGB Percent	20%, 19%, 21%
CMY	0.7961, 0.8078, 0.7922
CMYK	0.02, 0.08, 0.00, 0.79
HSL	285°, 4%, 20%
HSV	285°, 8%, 21%
XYZ	3.1572, 3.1837, 3.8162
YIQ	50.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

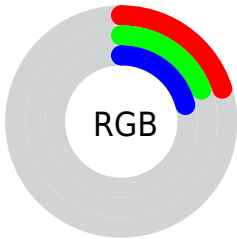
Format	Color
R_YB	52, 49, 53
Decimal	3420469
CIE Lab	20.77, 2.26, -2.06
CIE LCh	21, 3.059, 317.562
Yxy	3.1837, 0.3108, 0.3134
Android (android.graphics.Color)	4281610549 (0xFF343135)
YUV	50.3530, 1.3050, 1.4444
Hunter-Lab	17.8429, 0.3591, -0.1909

Details

The YIQ color **50.3530, 0.5040, 1.8800** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.6470, -0.5040, -1.8800**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **96.3530, 0.5040, 1.8800**, and **3.2930, 0.7330, 3.2370** is the 20% darker color. If you saturate the color by 10%, you get **47.1190, 1.2830, 4.2830**, and if you desaturate by 10%, it is **53.5870, -0.2750, -0.5230**.

Distribution



Red (20%)

Green (19%)

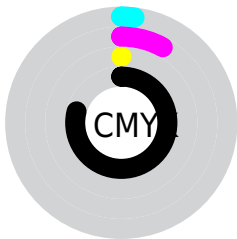
Blue (21%)



Red (20%)

Yellow (19%)

Blue (21%)

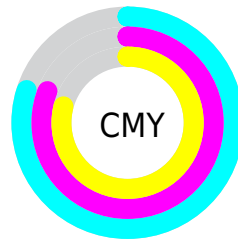


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (79%)



Cyan (80%)

Magenta (81%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.3530, 0.5040, 1.8800 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 50.3530, 0.5040, 1.8800 by changing the saturation by 10% instead.

■ 50.3530, 0.5040,
1.8800

■ 50.3530, 0.5040,
1.8800

255.0000, -0.0000,
-0.0000

■ 29.3530, 0.5040,
1.8800

■ 96.3530, 0.5040,
1.8800

■ 3.2930, 0.7330,
3.2370

■ 121.3530, 0.5040,
1.8800

■ 0.0000, 0.0000,
0.0000

■ 146.7660, 0.7790,
2.4030

■ 173.7660, 0.7790,
2.4030

■ 200.7660, 0.7790,
2.4030

■ 228.7660, 0.7790,

2.4030

■ 50.3530, 0.5040,
1.8800

■ 50.3530, 0.5040,
1.8800

■ 47.1190, 1.2830,
4.2830

■ 53.5870, -0.2750,
-0.5230

■ 42.9990, 1.7410,
6.9970

■ 57.7070, -0.7330,
-3.2370

■ 39.7650, 2.5200,
9.4000

■ 60.9410, -1.5120,
-5.6400

■ 36.5310, 3.2990,
11.8030

■ 64.1750, -2.2910,
-8.0430

■ 32.9980, 3.4820,
13.9940

■ 68.2950, -2.7490,
-10.7570

■ 29.1770, 4.5360,
16.9200

■ 71.5290, -3.5280,
-13.1600

■ 25.9430, 5.3150,
19.3230

■ 74.7630, -4.3070,
-15.5630

■ 22.4100, 5.4980,
21.5140

■ 78.2960, -4.4900,
-17.7540

■ 18.5890, 6.5520,
24.4400

■ 82.1170, -5.5440,
-20.6800

Harmonies

Analogous

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



50.1570, -1.8800, 1.0320



50.3530, 0.5040, 1.8800



50.7230, 2.3380, 1.6820

Triad

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



50.3530, 0.5040, 1.8800



49.8540, 3.3470, -0.0850



49.2060, -3.5760, -1.2720

Complementary

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



50.3530, 0.5040, 1.8800



51.6470, -0.5040, -1.8800

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.



49.2770, -2.3380, -1.6820



50.3530, 0.5040, 1.8800



49.5440, 1.2840, -1.2440

Square

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



50.3530, 0.5040, 1.8800



50.2670, 3.6220, 0.4380



49.6470, -0.5040, -1.8800



49.4340, -4.2180, -0.6500

Rectangle

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



50.3530, 0.5040, 1.8800



50.2070, 3.8510, 1.7950



49.6470, -0.5040, -1.8800



49.0920, -3.2550, -1.5830

Sweetspot

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



50.3530, 0.5040, 1.8800



67.8260, 0.5500, 1.0460



50.0430, -1.5590, 0.7210



35.4130, 0.2750, 0.5230



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.



50.3530, 0.5040, 1.8800



64.8800, 0.4580, 2.7140



50.5380, 1.4210, 1.7810



23.9400, 0.2290, 1.3570



30.1790, 11.3630, 41.8830



73.4750, 27.4910, 102.0430

Inverse Universe

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



50.3100, 2.0630, 1.1590



64.9080, 3.2550, 1.5830



51.4620, -1.4210, -1.7810



24.0110, 1.4670, 0.9470



29.1190, 45.9820, 25.7100



71.0390, 111.9980, 62.7980

Previews

White Background



This preview shows how the YIQ color 50.3530, 0.5040, 1.8800 looks on a white background.

Color Contrast Check

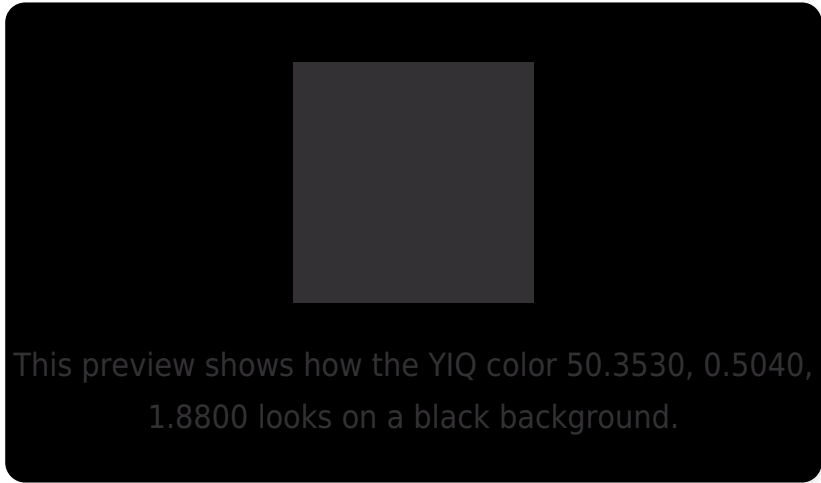
Large Text (above 18pt) WCAG AA ✓ Pass

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

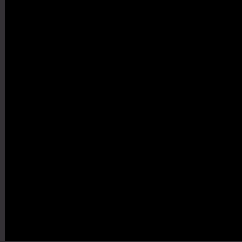
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

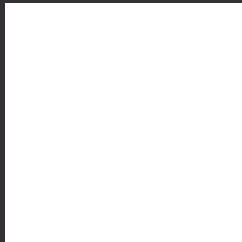
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 50.3530, 0.5040, 1.8800

Background



This preview shows how black text looks on a background with the YIQ color 50.3530, 0.5040, 1.8800.

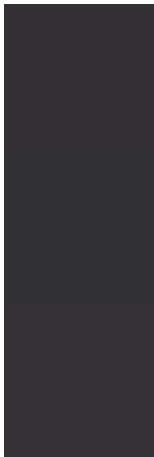


This preview shows how white text looks on a background with the YIQ color 50.3530, 0.5040, 1.8800.

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

50.3530, 0.5040, 1.8800

Protanopia

50.3420, -0.9630, 0.9330

Deuteranopia

50.6520, 1.1000, 2.0920



Tritanopia

50.3530, 0.5040, 1.8800

Trichromacy



Original Color

50.3530, 0.5040, 1.8800

Protanomaly

50.6410, -0.3670, 1.1450

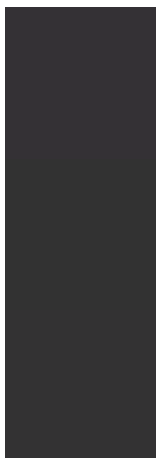
Deuteranomaly

50.6520, 1.1000, 2.0920

Tritanomaly

50.3530, 0.5040, 1.8800

Monochromacy



Original Color

50.3530, 0.5040, 1.8800

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

50.4130, 0.2750, 0.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.3530, 0.5040, 1.8800 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(52, 49, 53)` looks like.

```
.text, #text, p{  
    color:rgb(52, 49, 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(52, 49, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 49, 53) }
```

Border

The CSS property to change the border of an element to YIQ 50.3530, 0.5040, 1.8800 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(52, 49, 53) }
```

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

```
.border{ border-color:rgb(52, 49, 53) }
```

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

Here you see how a box with a 4 pixel rgb(52, 49, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 49, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 49, 53);  
box-shadow:4px 4px 4px 4px rgb(52, 49, 53)  
}
```


Background

The CSS property to change the background color of an element to YIQ 50.3530, 0.5040, 1.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 49, 53) }
```

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

```
.background{ background-color: rgb(52, 49,  
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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