

Converting Colors

YIQ(57.7350, 2.0640, -4.3680)

Have a look what the booklet for
YIQ(57.7350, 2.0640, -4.3680)
contains.

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Color

**YIQ(57.7350, 2.0640,
-4.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	393C30
RGB	57, 60, 48
RGB Percent	22%, 24%, 19%
CMY	0.7765, 0.7647, 0.8117
CMYK	0.05, 0.00, 0.20, 0.76
HSL	75°, 11%, 21%
HSV	75°, 20%, 24%
XYZ	3.8366, 4.3150, 3.4275
YIQ	57.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

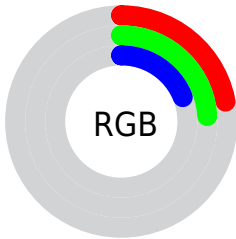
Format	Color
R_{YB}	48, 60, 51
Decimal	3750960
CIE Lab	24.69, -3.86, 7.00
CIE LCh	25, 7.992, 118.851
Yxy	4.3150, 0.3313, 0.3727
Android (android.graphics.Color)	4281941040 (0xFF393C30)
YUV	57.7350, -4.7994, -0.6446
Hunter-Lab	20.7727, -3.3837, 4.7581

Details

The YIQ color **57.7350, 2.0640, -4.3680** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.2650, -2.0640, 4.3680**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **104.6210, 2.3850, -4.6790**, and **14.7520, 3.3940, -6.4460** is the 20% darker color. If you saturate the color by 10%, you get **56.4530, 2.7980, -6.6580**, and if you desaturate by 10%, it is **59.0170, 1.3300, -2.0780**.

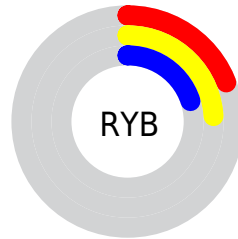
Distribution



Red (22%)

Green (24%)

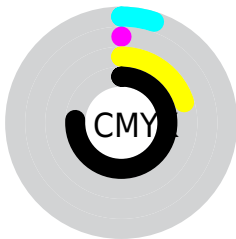
Blue (19%)



Red (19%)

Yellow (24%)

Blue (20%)

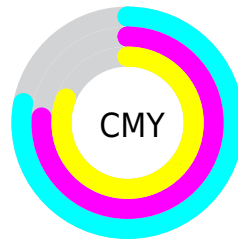


Cyan (5%)

Magenta (0%)

Yellow (20%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.7350, 2.0640, -4.3680 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 57.7350, 2.0640, -4.3680 by changing the saturation by 10% instead.

■ 57.7350, 2.0640,
-4.3680

■ 57.7350, 2.0640,
-4.3680

■ 255.0000, -0.0000,
-0.0000

■ 35.8490, 1.7430,
-4.0570

■ 104.6210, 2.3850,
-4.6790

■ 14.7520, 3.3940,
-6.4460

■ 129.6210, 2.3850,
-4.6790

■ 0.0000, 0.0000,
0.0000

■ 156.0940, 2.4310,
-5.5130

■ 182.5070, 2.7060,
-4.9900

■ 210.3930, 3.0270,
-5.3010

■ 238.9800, 2.7520,

-5.8240

■ 57.7350, 2.0640,
-4.3680

■ 57.7350, 2.0640,
-4.3680

■ 56.4530, 2.7980,
-6.6580

■ 59.0170, 1.3300,
-2.0780

■ 55.4700, 4.1280,
-8.7360

■ 60.0000, -0.0000,
-0.0000

■ 54.1880, 4.8620,
-11.0260

■ 61.2820, -0.7340,
2.2900

■ 53.2050, 6.1920,
-13.1040

■ 62.2650, -2.0640,
4.3680

■ 51.9230, 6.9260,
-15.3940

■ 63.5470, -2.7980,
6.6580

■ 50.9400, 8.2560,
-17.4720

■ 64.5300, -4.1280,
8.7360

■ 49.6580, 8.9900,
-19.7620

■ 65.8120, -4.8620,
11.0260

■ 48.6750, 10.3200,
-21.8400

■ 66.7950, -6.1920,
13.1040

■ 68.0770, -6.9260,
15.3940

Harmonies

Analogous

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



58.5400, 7.1070, -2.1490



57.7350, 2.0640, -4.3680



56.6850, -3.6670, -5.1310

Triad

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



57.7350, 2.0640, -4.3680



57.1280, -12.1040, -0.9040



59.3540, 7.9310, 4.9470

Complementary

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



57.7350, 2.0640, -4.3680



50.2650, -2.0640, 4.3680

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.



59.4290, 3.3460, 5.4420



57.7350, 2.0640, -4.3680



58.1610, -7.7030, 1.9370

Square

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



57.7350, 2.0640, -4.3680



56.5470, -11.9660, -3.4060



58.9660, -2.6600, 4.1560



59.5560, 10.1780, 2.7700

Rectangle

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



57.7350, 2.0640, -4.3680



56.5320, -7.6100, -5.2580



58.9660, -2.6600, 4.1560



59.8700, 6.4180, 4.8340

Sweetspot

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



57.7350, 2.0640, -4.3680



78.1310, 1.0090, -1.7670



53.3490, 6.3270, 0.9750



40.3590, 0.3670, -1.1450



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



57.7350, 2.0640, -4.3680



75.3390, 3.1190, -6.9690



55.9410, -1.5120, -5.6400



30.3590, 0.3670, -1.1450



76.4070, 16.4660, -34.1100



179.9480, 37.8860, -80.9140

Inverse Universe

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



50.2650, -2.0640, 4.3680



63.6610, -3.1190, 6.9690



52.0590, 1.5120, 5.6400



28.3420, -0.9630, 0.9330



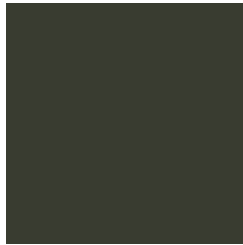
17.8920, -15.8700, 34.3220



42.0520, -37.8860, 80.9140

Previews

White Background



This preview shows how the YIQ color 57.7350, 2.0640, -4.3680 looks on a white background.

Color Contrast Check

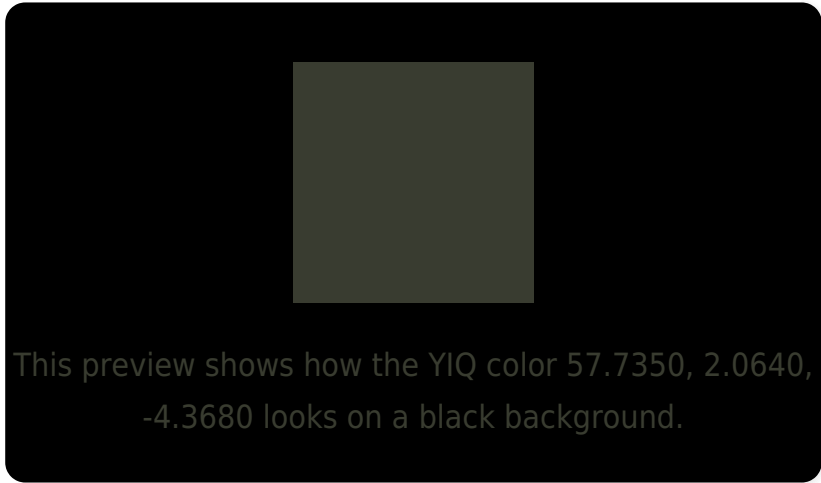
Large Text (above 18pt) WCAG AA ✓ Pass

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

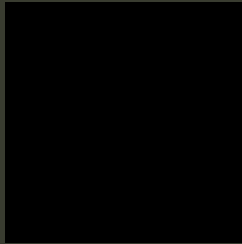
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.7350, 2.0640, -4.3680

Background



This preview shows how black text looks on a background with the YIQ color 57.7350, 2.0640, -4.3680.



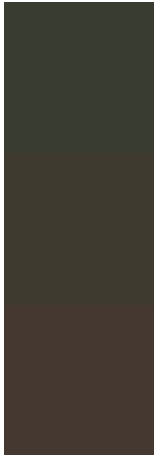
This preview shows how white text looks on a background with the YIQ color 57.7350, 2.0640,

-4.3680.

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

57.7350, 2.0640, -4.3680

Protanopia

57.9420, 5.9150, -2.5730

Deuteranopia

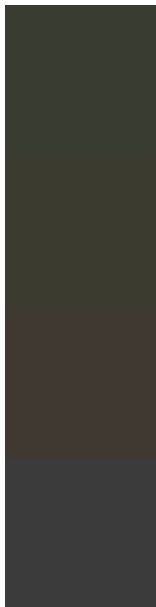
58.7900, 9.3990, 0.3670



Tritanopia

58.8690, -1.0090, 1.7670

Trichromacy



Original Color

57.7350, 2.0640, -4.3680

Protanomaly

57.9310, 4.4480, -3.5200

Deuteranomaly

58.1810, 6.7400, -1.0040

Tritanomaly

58.5870, -0.2750, -0.5230

Monochromacy



Original Color

57.7350, 2.0640, -4.3680

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.7350, 2.0640, -4.3680 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(57, 60, 48)` looks like.

```
.text, #text, p{  
    color:rgb(57, 60, 48)  
}
```

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(57, 60, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 60, 48) }
```

Border

The CSS property to change the border of an element to YIQ 57.7350, 2.0640, -4.3680 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(57, 60, 48) }
```


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

```
.border{ border-color:rgb(57, 60, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 60, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 60, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 60, 48);  
box-shadow:4px 4px 4px 4px rgb(57, 60, 48)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.7350, 2.0640, -4.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 60, 48) }
```

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

```
.background{ background-color: rgb(57, 60,  
48) }
```

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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