

Converting Colors

YIQ(42.6250, -3.4380, -3.7740)

Have a look what the booklet for
YIQ(42.6250, -3.4380, -3.7740)
contains.

YIQ(42.6250, -3.4380, -3.7740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(42.6250, -3.4380,
-3.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	252E28
RGB	37, 46, 40
RGB Percent	15%, 18%, 16%
CMY	0.8549, 0.8196, 0.8431
CMYK	0.20, 0.00, 0.13, 0.82
HSL	140°, 11%, 16%
HSV	140°, 20%, 18%
XYZ	2.1228, 2.5007, 2.3781
YIQ	42.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

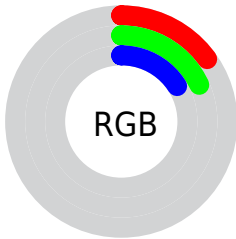
Format	Color
RYB	37, 44, 46
Decimal	2436648
CIELab	17.92, -5.41, 2.58
CIELCh	18, 5.990, 154.481
Yxy	2.5007, 0.3032, 0.3572
Android (android.graphics.Color)	4280626728 (0xFF252E28)
YUV	42.6250, -1.2941, -4.9331
Hunter-Lab	15.8135, -3.7115, 2.1533

Details

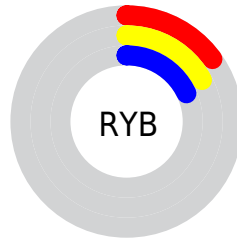
The YIQ color **42.6250, -3.4380, -3.7740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40.3750, 3.4380, 3.7740**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.2120, -3.7130, -4.2970**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.7880, -5.4550, -5.7670**, and if you desaturate by 10%, it is **44.4620, -1.4210, -1.7810**.

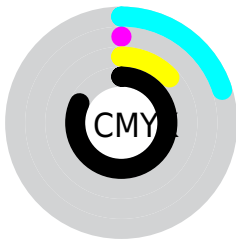
Distribution



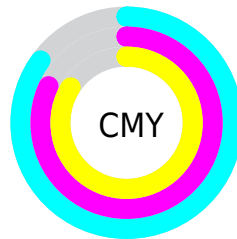
- Red (15%)
- Green (18%)
- Blue (16%)



- Red (15%)
- Yellow (17%)
- Blue (18%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (82%)



- Cyan (85%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.6250, -3.4380, -3.7740 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 42.6250, -3.4380, -3.7740 by changing the saturation by 10% instead.

■ 42.6250, -3.4380,
-3.7740

■ 42.6250, -3.4380,
-3.7740

■ 255.0000, -0.0000,
-0.0000

■ 22.0380, -3.1630,
-3.2510

■ 88.2120, -3.7130,
-4.2970

■ 0.0000, 0.0000,
0.0000

■ 112.2120, -3.7130,
-4.2970

■ 137.7990, -3.9880,
-4.8200

■ 163.9130, -4.3090,
-4.5090

■ 191.5000, -4.5840,
-5.0320

■ 218.7990, -3.9880,

-4.8200

■ 247.5000, -4.5840,
-5.0320

■ 42.6250, -3.4380,
-3.7740

■ 42.6250, -3.4380,
-3.7740

■ 40.7880, -5.4550,
-5.7670

■ 44.4620, -1.4210,
-1.7810

■ 39.2500, -6.8760,
-7.5480

■ 46.0000, 0.0000,
-0.0000

■ 37.4130, -8.8930,
-9.5410

■ 47.8370, 2.0170,
1.9930

■ 35.8750, -10.3140,
-11.3220

■ 49.3750, 3.4380,
3.7740

■ 34.0380, -12.3310,
-13.3150

■ 51.2120, 5.4550,
5.7670

■ 32.2010, -14.3480,
-15.3080

■ 53.0490, 7.4720,
7.7600

■ 30.6630, -15.7690,
-17.0890

■ 54.5870, 8.8930,
9.5410

■ 28.7120, -17.4650,
-19.3930

■ 56.5380, 10.5890,
11.8450

■ 58.0760, 12.0100,
13.6260

Harmonies

Analogous

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



43.1910, 0.7800, -3.1240



42.6250, -3.4380, -3.7740



42.1840, -6.5100, -3.1660

Triad

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



42.6250, -3.4380, -3.7740



43.7160, -4.9520, 1.6400



44.3600, 7.7940, 1.9220

Complementary

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



42.6250, -3.4380, -3.7740



40.3750, 3.4380, 3.7740

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.



44.8160, 6.5100, 3.1660



42.6250, -3.4380, -3.7740



44.5100, -1.3760, 2.9120

Square

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



42.6250, -3.4380, -3.7740



42.6940, -7.8860, -0.2540



44.4890, 3.1170, 4.0850



44.0070, 7.2900, 0.0420

Rectangle

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



42.6250, -3.4380, -3.7740



42.2270, -8.0690, -2.4450



44.4890, 3.1170, 4.0850



44.4740, 7.4730, 2.2330

Sweetspot

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



42.6250, -3.4380, -3.7740



57.4620, -1.4210, -1.7810



44.0770, 1.1010, -3.4350



29.8750, -1.1460, -1.2580



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



42.6250, -3.4380, -3.7740



53.6740, -5.1340, -6.0780



43.1950, -5.0430, -2.2190



22.1740, -0.5500, -1.0460



54.3750, -33.2340, -36.4820



133.7120, -81.6410, -89.8410

Inverse Universe

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



40.3750, 3.4380, 3.7740



50.2120, 5.4550, 5.7670



39.8050, 5.0430, 2.2190



21.7120, 0.8710, 0.7350



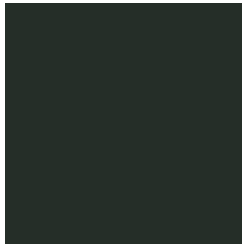
32.6250, 33.2340, 36.4820



80.2880, 81.6410, 89.8410

Previews

White Background



This preview shows how the YIQ color 42.6250, -3.4380, -3.7740 looks on a white background.

Color Contrast Check

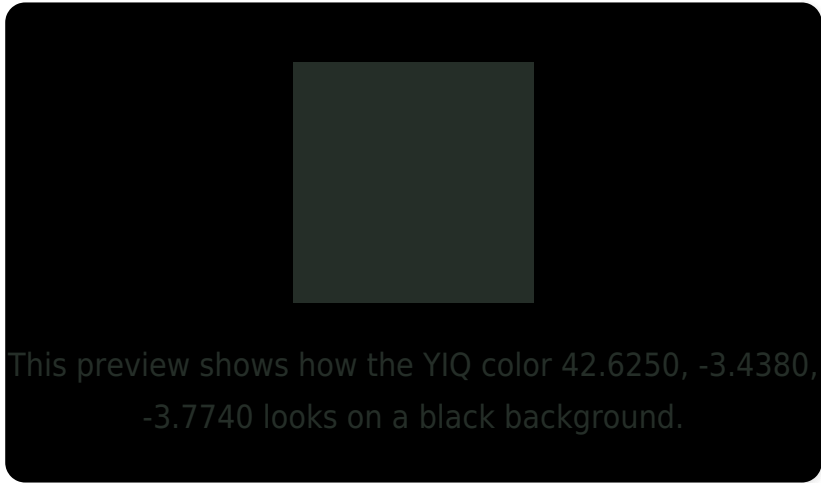
Large Text (above 18pt) WCAG AA ✓ Pass

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

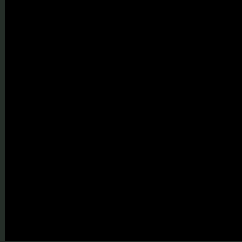
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.6250, -3.4380, -3.7740

Background



This preview shows how black text looks on a background with the YIQ color 42.6250, -3.4380, -3.7740.



This preview shows how white text looks on a background with the YIQ color 42.6250, -3.4380, -3.7740.

-3.7740.

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

42.6250, -3.4380, -3.7740

Protanopia

44.0280, 2.7970, -1.1310

Deuteranopia

43.9790, 4.4930, 1.1730



Tritanopia

43.2490, -5.1350, -0.5510

Trichromacy



Original Color

42.6250, -3.4380, -3.7740

Protanomaly

43.7180, 0.7340, -2.2900

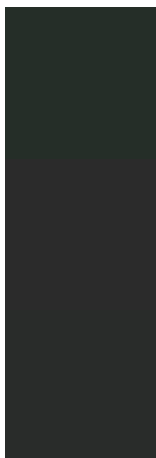
Deuteranomaly

43.3700, 1.8340, -0.1980

Tritanomaly

42.9070, -4.1720, -1.4840

Monochromacy



Original Color

42.6250, -3.4380, -3.7740

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.8750, -1.1460, -1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.6250, -3.4380, -3.7740 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(37, 46, 40)` looks like.

```
.text, #text, p{  
    color:rgb(37, 46, 40)  
}
```

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(37, 46, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 46, 40) }
```

Border

The CSS property to change the border of an element to YIQ 42.6250, -3.4380, -3.7740 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(37, 46, 40) }
```


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

```
.border{ border-color:rgb(37, 46, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 46, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 46, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 46, 40);  
box-shadow:4px 4px 4px 4px rgb(37, 46, 40)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.6250, -3.4380, -3.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 46, 40) }
```

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

```
.background{ background-color: rgb(37, 46,  
40) }
```

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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