

Converting Colors

YIQ(60.3810, 3.3010, 0.7490)

Have a look what the booklet for
YIQ(60.3810, 3.3010, 0.7490)
contains.

YIQ(60.3810, 3.3010, 0.7490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

YIQ(60.3810, 3.3010, 0.7490)

Conversions

Conversions Part 1

Format	Color
Hex	403B3A
RGB	64, 59, 58
RGB Percent	25%, 23%, 23%
CMY	0.7490, 0.7686, 0.7725
CMYK	0.00, 0.08, 0.09, 0.75
HSL	10°, 5%, 24%
HSV	10°, 9%, 25%
XYZ	4.4422, 4.5233, 4.6424
YIQ	60.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

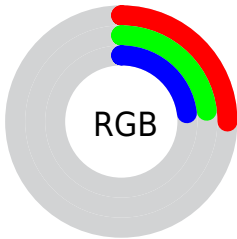
Format	Color
RYB	64, 59, 58
Decimal	4209466
CIELab	25.33, 1.95, 1.39
CIELCh	25, 2.397, 35.454
Yxy	4.5233, 0.3264, 0.3324
Android (android.graphics.Color)	4282399546 (0xFF403B3A)
YUV	60.3810, -1.1738, 3.1739
Hunter-Lab	21.2681, 0.0636, 1.9458

Details

The YIQ color **60.3810, 3.3010, 0.7490** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.6190, -3.3010, -0.7490**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.6800, 3.8970, 0.9610**, and **18.2670, 3.6220, 0.4380** is the 20% darker color. If you saturate the color by 10%, you get **56.7620, 6.6020, 1.4980**, and if you desaturate by 10%, it is **64.0000, -0.0000, -0.0000**.

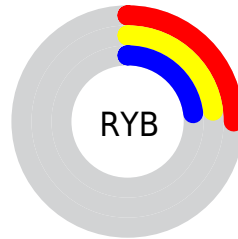
Distribution



Red (25%)

Green (23%)

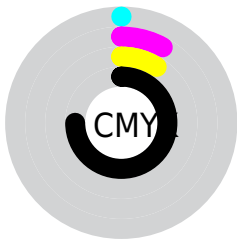
Blue (23%)



Red (25%)

Yellow (23%)

Blue (23%)

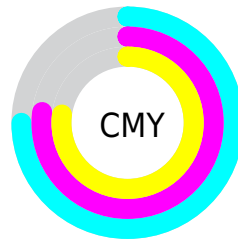


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (75%)



Cyan (75%)

Magenta (77%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.3810, 3.3010, 0.7490 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 60.3810, 3.3010, 0.7490 by changing the saturation by 10% instead.

■ 60.3810, 3.3010,
0.7490

■ 60.3810, 3.3010,
0.7490

■ 255.0000, -0.0000,
-0.0000

■ 38.3810, 3.3010,
0.7490

■ 107.6800, 3.8970,
0.9610

■ 18.2670, 3.6220,
0.4380

■ 132.6800, 3.8970,
0.9610

■ 0.0000, 0.0000,
0.0000

■ 158.6800, 3.8970,
0.9610

■ 185.6800, 3.8970,
0.9610

■ 213.6800, 3.8970,
0.9610

■ 241.9790, 4.4930,

1.1730

■ 60.3810, 3.3010,
0.7490

■ 60.3810, 3.3010,
0.7490

■ 56.7620, 6.6020,
1.4980

■ 64.0000, -0.0000,
-0.0000

■ 52.4420, 10.4990,
2.4590

■ 68.3200, -3.8970,
-0.9610

■ 48.8230, 13.8000,
3.2080

■ 71.9390, -7.1980,
-1.7100

■ 45.0900, 17.4220,
3.6460

■ 75.6720, -10.8200,
-2.1480

■ 40.8840, 20.9980,
4.9180

■ 79.8780, -14.3960,
-3.4200

■ 37.2650, 24.2990,
5.6670

■ 83.4970, -17.6970,
-4.1690

■ 33.5320, 27.9210,
6.1050

■ 87.2300, -21.3190,
-4.6070

■ 29.3260, 31.4970,
7.3770

■ 91.4360, -24.8950,
-5.8790

■ 25.5930, 35.1190,
7.8150

■ 95.1690, -28.5170,
-6.3170

Harmonies

Analogous

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



60.6090, 2.6590, 1.3710



60.3810, 3.3010, 0.7490



59.9680, 3.0260, 0.2260

Triad

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



60.3810, 3.3010, 0.7490



59.4620, -1.4210, -1.7810



60.1570, -1.8800, 1.0320

Complementary

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



60.3810, 3.3010, 0.7490



61.6190, -3.3010, -0.7490

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.



60.0320, -3.0260, -0.2260



60.3810, 3.3010, 0.7490



59.3910, -2.6590, -1.3710

Square

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



60.3810, 3.3010, 0.7490



59.9460, 0.0920, -1.6680



59.6190, -3.3010, -0.7490



60.0540, -0.0920, 1.6680

Rectangle

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



60.3810, 3.3010, 0.7490



60.1420, 2.4760, -0.8200



59.6190, -3.3010, -0.7490



59.8580, -2.4760, 0.8200

Sweetspot

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



60.3810, 3.3010, 0.7490



82.5980, 1.1920, 0.4240



60.3640, 1.9710, 2.8270



42.2990, 0.5960, 0.2120



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



60.3810, 3.3010, 0.7490



78.2780, 5.0890, 1.3850



62.1420, 2.4760, -0.8200



30.8970, 1.7880, 0.6360



38.3950, 53.4120, 12.1960



88.6950, 123.3290, 28.1370

Inverse Universe

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



61.6190, -3.3010, -0.7490



80.7220, -5.0890, -1.3850



59.8580, -2.4760, 0.8200



32.1030, -1.7880, -0.6360



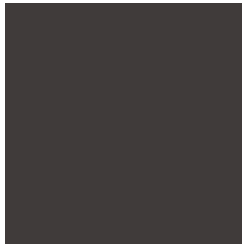
58.6050, -53.4120, -12.1960



135.3050, -123.3290, -28.1370

Previews

White Background



This preview shows how the YIQ color 60.3810, 3.3010, 0.7490 looks on a white background.

Color Contrast Check

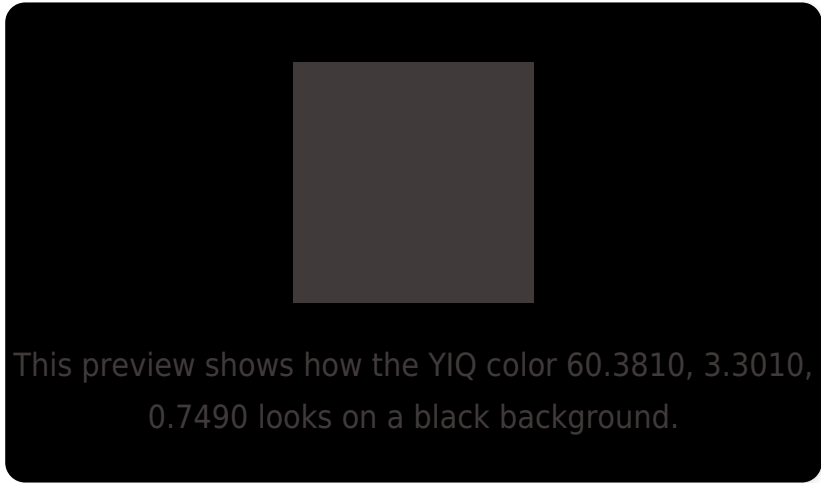
Large Text (above 18pt) WCAG AA ✓ Pass

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

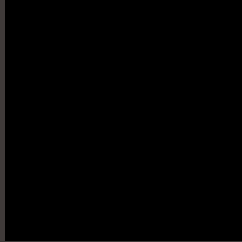
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.3810, 3.3010, 0.7490

Background



This preview shows how black text looks on a background with the YIQ color 60.3810, 3.3010, 0.7490.

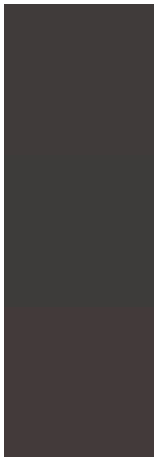


This preview shows how white text looks on a background with the YIQ color 60.3810, 3.3010, 0.7490.

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

60.3810, 3.3010, 0.7490

Protanopia

60.0710, 1.2380, -0.4100

Deuteranopia

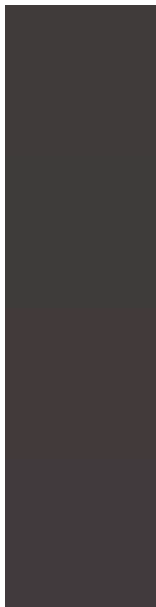
60.6910, 5.3640, 1.9080



Tritanopia

60.6630, 2.5670, 3.0390

Trichromacy



Original Color

60.3810, 3.3010, 0.7490

Protanomaly

60.3700, 1.8340, -0.1980

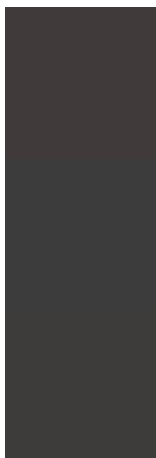
Deuteranomaly

60.3920, 4.7680, 1.6960

Tritanomaly

60.4350, 3.2090, 2.4170

Monochromacy



Original Color

60.3810, 3.3010, 0.7490

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.3810, 3.3010, 0.7490 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(64, 59, 58)` looks like.

```
.text, #text, p{  
    color:rgb(64, 59, 58)  
}
```

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(64, 59, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 59, 58) }
```

Border

The CSS property to change the border of an element to YIQ 60.3810, 3.3010, 0.7490 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(64, 59, 58) }
```

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

```
.border{ border-color:rgb(64, 59, 58) }
```

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

Here you see how a box with a 4 pixel rgb(64, 59, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 59, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 59, 58);  
box-shadow:4px 4px 4px 4px rgb(64, 59, 58)  
}
```


Background

The CSS property to change the background color of an element to YIQ 60.3810, 3.3010, 0.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 59, 58) }
```

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

```
.background{ background-color: rgb(64, 59,  
58) }
```

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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