

Converting Colors

YIQ(60.2610, 3.7590, 3.4630)

Have a look what the booklet for
YIQ(60.2610, 3.7590, 3.4630)
contains.

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Color

YIQ(60.2610, 3.7590, 3.4630)

Conversions

Conversions Part 1

Format	Color
Hex	42393E
RGB	66, 57, 62
RGB Percent	26%, 22%, 24%
CMY	0.7412, 0.7765, 0.7568
CMYK	0.00, 0.14, 0.06, 0.74
HSL	327°, 7%, 24%
HSV	327°, 14%, 26%
XYZ	4.5797, 4.4322, 5.1720
YIQ	60.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

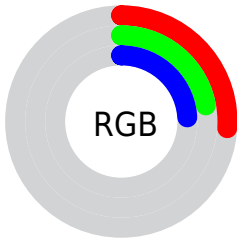
Format	Color
RYB	66, 57, 62
Decimal	4340030
CIELab	25.05, 5.00, -1.65
CIELCh	25, 5.263, 341.696
Yxy	4.4322, 0.3229, 0.3125
Android (android.graphics.Color)	4282530110 (0xFF42393E)
YUV	60.2610, 0.8573, 5.0331
Hunter-Lab	21.0527, 1.9877, 0.1714

Details

The YIQ color **60.2610, 3.7590, 3.4630** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.7390, -3.7590, -3.4630**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.5600, 4.3550, 3.6750**, and **17.6740, 4.0340, 3.9860** is the 20% darker color. If you saturate the color by 10%, you get **55.8100, 6.6470, 6.1910**, and if you desaturate by 10%, it is **64.7120, 0.8710, 0.7350**.

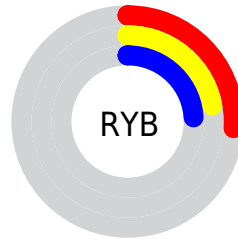
Distribution



 Red (26%)

 Green (22%)

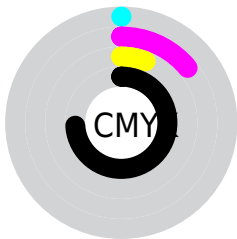
 Blue (24%)



 Red (26%)

 Yellow (22%)

 Blue (24%)

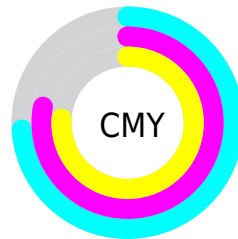


 Cyan (0%)

 Magenta (14%)

 Yellow (6%)

 Black (74%)



 Cyan (74%)

 Magenta (78%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.2610, 3.7590, 3.4630 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 60.2610, 3.7590, 3.4630 by changing the saturation by 10% instead.

■ 60.2610, 3.7590,
3.4630

■ 60.2610, 3.7590,
3.4630

255.0000, -0.0000,
-0.0000

■ 38.2610, 3.7590,
3.4630

■ 107.5600, 4.3550,
3.6750

■ 17.6740, 4.0340,
3.9860

■ 132.6740, 4.0340,
3.9860

■ 0.0000, 0.0000,
0.0000

■ 158.9730, 4.6300,
4.1980

■ 185.9730, 4.6300,
4.1980

■ 213.3860, 4.9050,
4.7210

■ 241.9730, 4.6300,

4.1980

■ 60.2610, 3.7590,
3.4630

■ 60.2610, 3.7590,
3.4630

■ 55.8100, 6.6470,
6.1910

■ 64.7120, 0.8710,
0.7350

■ 51.9460, 9.2600,
8.3960

■ 68.5760, -1.7420,
-1.4700

■ 47.4950, 12.1480,
11.1240

■ 73.0270, -4.6300,
-4.1980

■ 43.6310, 14.7610,
13.3290

■ 76.8910, -7.2430,
-6.4030

■ 39.1800, 17.6490,
16.0570

■ 81.3420, -10.1310,
-9.1310

■ 34.7290, 20.5370,
18.7850

■ 85.7930, -13.0190,
-11.8590

■ 30.8650, 23.1500,
20.9900

■ 89.6570, -15.6320,
-14.0640

■ 26.5280, 25.7170,
24.0290

■ 93.9940, -18.1990,
-17.1030

■ 23.9520, 27.4590,
25.4990

■ 97.8580, -20.8120,
-19.3080

Harmonies

Analogous

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



59.9940, 0.1370, 3.0250



60.2610, 3.7590, 3.4630



60.4030, 6.2350, 2.6430

Triad

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



60.2610, 3.7590, 3.4630



59.3870, 3.1640, -2.2760



58.1670, -7.8400, -1.0880

Complementary

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



60.2610, 3.7590, 3.4630



62.7390, -3.7590, -3.4630

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.



58.2980, -6.8310, -2.8550



60.2610, 3.7590, 3.4630



58.5930, -0.4120, -3.5480

Square

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



60.2610, 3.7590, 3.4630



59.4090, 6.0980, -0.3820



58.4400, -4.3550, -3.6750



58.7050, -6.4190, 0.6930

Rectangle

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



60.2610, 3.7590, 3.4630



60.0610, 7.1980, 1.7100



58.4400, -4.3550, -3.6750



58.2270, -8.0690, -2.4450

Sweetspot

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



60.2610, 3.7590, 3.4630



84.4240, 1.7420, 1.4700



59.2220, -0.5050, 3.6470



41.7120, 0.8710, 0.7350



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.



60.2610, 3.7590, 3.4630



78.0980, 5.7760, 5.4560



59.8050, 5.0430, 2.2190



31.1250, 1.1460, 1.2580



35.1590, 40.4780, 37.3580



81.2260, 93.3790, 86.3630

Inverse Universe

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



60.2610, 3.7590, 3.4630



78.0980, 5.7760, 5.4560



63.1950, -5.0430, -2.2190



31.1250, 1.1460, 1.2580



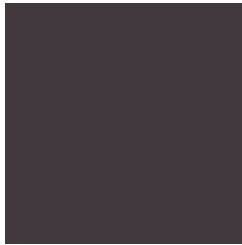
35.1590, 40.4780, 37.3580



81.2260, 93.3790, 86.3630

Previews

White Background



This preview shows how the YIQ color 60.2610, 3.7590, 3.4630 looks on a white background.

Color Contrast Check

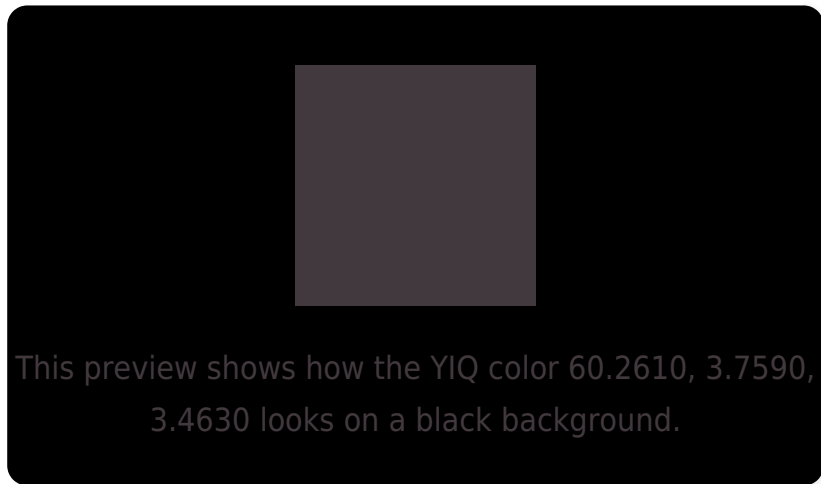
Large Text (above 18pt) WCAG AA ✓ Pass

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

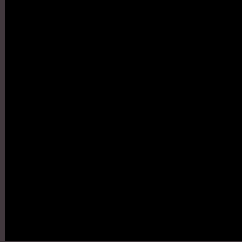
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.2610, 3.7590, 3.4630

Background



This preview shows how black text looks on a background with the YIQ color 60.2610, 3.7590, 3.4630.

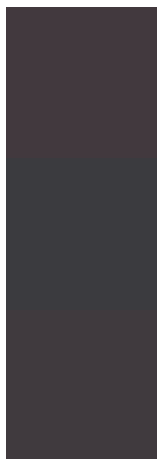


This preview shows how white text looks on a background with the YIQ color 60.2610, 3.7590, 3.4630.

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

60.2610, 3.7590, 3.4630

Protanopia

59.4560, -1.2840, 1.2440

Deuteranopia

60.2500, 2.2920, 2.5160



Tritanopia

60.2610, 3.7590, 3.4630

Trichromacy



Original Color

60.2610, 3.7590, 3.4630

Protanomaly

59.7660, 0.7790, 2.4030

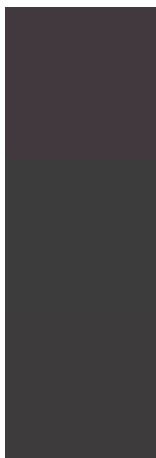
Deuteranomaly

60.5490, 2.8880, 2.7280

Tritanomaly

60.2610, 3.7590, 3.4630

Monochromacy



Original Color

60.2610, 3.7590, 3.4630

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.2610, 3.7590, 3.4630 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(66, 57, 62)` looks like.

```
.text, #text, p{  
    color:rgb(66, 57, 62)  
}
```

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(66, 57, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 57, 62) }
```

Border

The CSS property to change the border of an element to YIQ 60.2610, 3.7590, 3.4630 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(66, 57, 62) }
```

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

```
.border{ border-color:rgb(66, 57, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 57, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 57, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 57, 62);  
box-shadow:4px 4px 4px 4px rgb(66, 57, 62)  
}
```


Background

The CSS property to change the background color of an element to YIQ 60.2610, 3.7590, 3.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 57, 62) }
```

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

```
.background{ background-color: rgb(66, 57,  
62) }
```

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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