

Converting Colors

YIQ(44.0770, 10.2690, 6.6290)

Have a look what the booklet for
YIQ(44.0770, 10.2690, 6.6290)
contains.

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Color

**YIQ(44.0770, 10.2690,
6.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	3A252C
RGB	58, 37, 44
RGB Percent	23%, 15%, 17%
CMY	0.7725, 0.8549, 0.8274
CMYK	0.00, 0.36, 0.24, 0.77
HSL	340°, 22%, 19%
HSV	340°, 36%, 23%
XYZ	2.8618, 2.4045, 2.6970
YIQ	44.0770, 10.2690, 6.6290

Conversions

Conversions Part 2

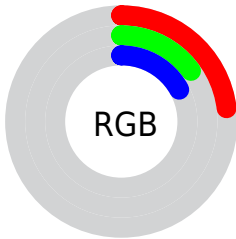
Format	Color
R_{YB}	58, 37, 44
Decimal	3810604
CIE _{Lab}	17.48, 11.24, -0.57
CIE _{LCh}	17, 11.251, 357.072
Yxy	2.4045, 0.3594, 0.3019
Android (android.graphics.Color)	4282000684 (0xFF3A252C)
YUV	44.0770, -0.0380, 12.2105
Hunter-Lab	15.5063, 5.8075, 0.5420

Details

The YIQ color **44.0770, 10.2690, 6.6290** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.9230, -10.2690, -6.6290**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.9740, 12.0570, 7.2650**, and **0.2990, 0.5960, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **40.0990, 13.2030, 8.5230**, and if you desaturate by 10%, it is **48.0550, 7.3350, 4.7350**.

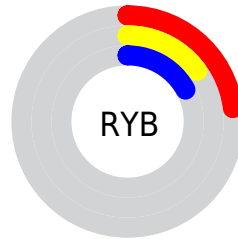
Distribution



Red (23%)

Green (15%)

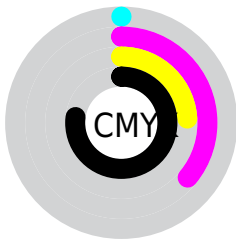
Blue (17%)



Red (23%)

Yellow (15%)

Blue (17%)

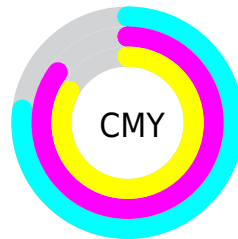


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (77%)



Cyan (77%)

Magenta (85%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.0770, 10.2690, 6.6290 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 44.0770, 10.2690, 6.6290 by changing the saturation by 10% instead.

■ 44.0770, 10.2690,
6.6290

■ 44.0770, 10.2690,
6.6290

■ 255.0000, -0.0000,
-0.0000

■ 23.4790, 9.0770,
6.2050

■ 89.9740, 12.0570,
7.2650

■ 0.2990, 0.5960,
0.2120

■ 114.3870, 12.3320,
7.7880

■ 0.0000, 0.0000,
0.0000

■ 139.6860, 12.9280,
8.0000

■ 166.6860, 12.9280,
8.0000

■ 193.3980, 13.7990,
8.7350

■ 221.6970, 14.3950,

8.9470

246.0980, 5.7760,
5.4560

44.0770, 10.2690,
6.6290

44.0770, 10.2690,
6.6290

40.0990, 13.2030,
8.5230

48.0550, 7.3350,
4.7350

36.1210, 16.1370,
10.4170

52.0330, 4.4010,
2.8410

32.7300, 18.7960,
11.7880

55.4240, 1.7420,
1.4700

28.8660, 21.4090,
13.9930

59.2880, -0.8710,
-0.7350

24.8880, 24.3430,
15.8870

63.2660, -3.8050,
-2.6290

■ 20.9100, 27.2770,
17.7810

■ 67.2440, -6.7390,
-4.5230

■ 19.5080, 28.4690,
18.2050

■ 71.2220, -9.6730,
-6.4170

■ 74.6130, -12.3320,
-7.7880

■ 78.5910, -15.2660,
-9.6820

Harmonies

Analogous

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



43.7820, 3.8500, 7.3220



44.0770, 10.2690, 6.6290



43.4640, 13.4330, 4.3530

Triad

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



44.0770, 10.2690, 6.6290



41.8660, 3.0730, -6.1350



39.6650, -18.1100, -2.1900

Complementary

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



44.0770, 10.2690, 6.6290



50.9230, -10.2690, -6.6290

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.



38.6710, -18.2470, -5.2150



44.0770, 10.2690, 6.6290



40.4460, -4.4920, -6.7000

Square

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



44.0770, 10.2690, 6.6290



42.3830, 8.9870, -3.1810



39.2540, -12.6990, -6.6430



41.8230, -12.5630, 1.9090

Rectangle

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



44.0770, 10.2690, 6.6290



43.4700, 13.2960, 1.3280



39.2540, -12.6990, -6.6430



39.4260, -18.9350, -3.7590

Sweetspot

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



44.0770, 10.2690, 6.6290



71.0330, 4.4010, 2.8410



43.5800, 1.6030, 9.4990



34.7230, 2.3380, 1.6820



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



44.0770, 10.2690, 6.6290



55.1210, 16.1370, 10.4170



45.0400, 11.6910, 2.8830



26.0110, 1.4670, 0.9470



31.0420, 44.8810, 29.1450



73.8030, 107.0910, 69.1310

Inverse Universe

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



44.0770, 10.2690, 6.6290



55.1210, 16.1370, 10.4170



49.9600, -11.6910, -2.8830



26.0110, 1.4670, 0.9470



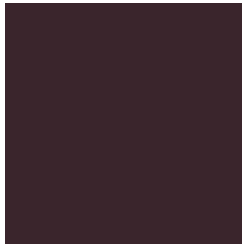
31.0420, 44.8810, 29.1450



73.8030, 107.0910, 69.1310

Previews

White Background



This preview shows how the YIQ color 44.0770, 10.2690, 6.6290 looks on a white background.

Color Contrast Check

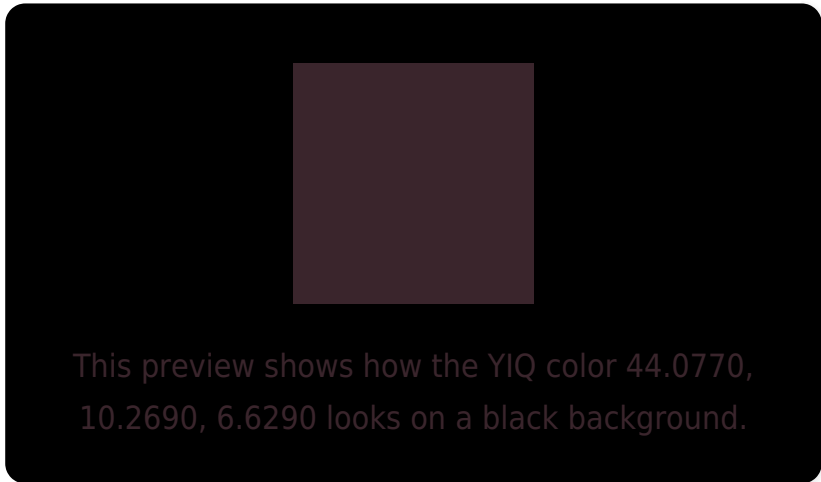
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.0770, 10.2690, 6.6290

Background



This preview shows how black text looks on a background with the YIQ color 44.0770, 10.2690, 6.6290.



This preview shows how white text looks on a background with the YIQ color 44.0770, 10.2690,

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

44.0770, 10.2690, 6.6290

Protanopia

43.5700, -1.6050, 1.5550

Deuteranopia

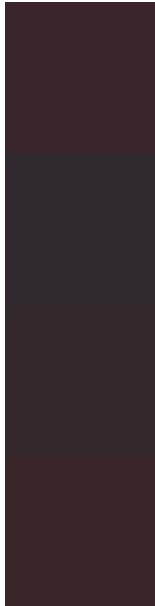
43.6090, 2.6590, 1.3710



Tritanopia

44.2080, 11.2780, 4.8620

Trichromacy



Original Color

44.0770, 10.2690, 6.6290

Protanomaly

43.7770, 2.2460, 3.3500

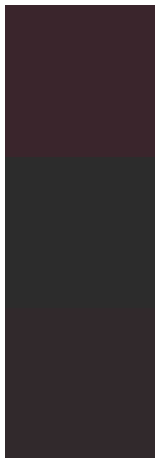
Deuteranomaly

43.6310, 5.5930, 3.2650

Tritanomaly

44.3220, 10.9570, 5.1730

Monochromacy



Original Color

44.0770, 10.2690, 6.6290

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.7340, 3.8050, 2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.0770, 10.2690, 6.6290 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(58, 37, 44)` looks like.

```
.text, #text, p{  
    color:rgb(58, 37, 44)  
}
```

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(58, 37, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 37, 44) }
```

Border

The CSS property to change the border of an element to YIQ 44.0770, 10.2690, 6.6290 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(58, 37, 44) }
```


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

```
.border{ border-color:rgb(58, 37, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 37, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 37, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 37, 44);  
box-shadow:4px 4px 4px 4px rgb(58, 37, 44)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.0770, 10.2690, 6.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 37, 44) }
```

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

```
.background{ background-color: rgb(58, 37,  
44) }
```

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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