

Converting Colors

YIQ(43.7730, 8.0690, 2.4450)

Have a look what the booklet for
YIQ(43.7730, 8.0690, 2.4450)
contains.

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Color

YIQ(43.7730, 8.0690, 2.4450)

Conversions

Conversions Part 1

Format	Color
Hex	352827
RGB	53, 40, 39
RGB Percent	21%, 16%, 15%
CMY	0.7921, 0.8432, 0.8470
CMYK	0.00, 0.25, 0.26, 0.79
HSL	4°, 15%, 18%
HSV	4°, 26%, 21%
XYZ	2.5936, 2.4208, 2.2508
YIQ	43.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

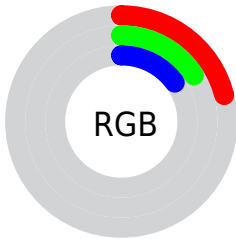
Format	Color
R_{YB}	53, 40, 39
Decimal	3483687
CIE _{Lab}	17.56, 5.89, 2.97
CIE _{LCh}	18, 6.594, 26.745
Yxy	2.4208, 0.3570, 0.3332
Android (android.graphics.Color)	4281673767 (0xFF352827)
YUV	43.7730, -2.3531, 8.0921
Hunter-Lab	15.5591, 2.5260, 2.3145

Details

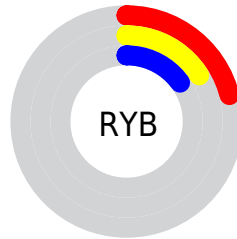
The YIQ color **43.7730, 8.0690, 2.4450** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.2270, -8.0690, -2.4450**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.3710, 9.2610, 2.8690**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.2680, 11.0490, 3.5050**, and if you desaturate by 10%, it is **47.2780, 5.0890, 1.3850**.

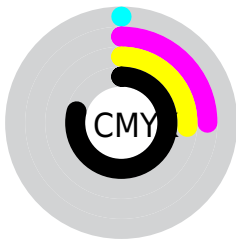
Distribution



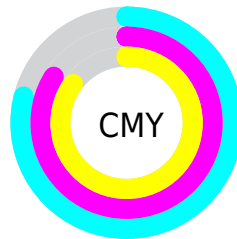
- Red (21%)
- Green (16%)
- Blue (15%)



- Red (21%)
- Yellow (16%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (79%)



- Cyan (79%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.7730, 8.0690, 2.4450 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 43.7730, 8.0690, 2.4450 by changing the saturation by 10% instead.

■ 43.7730, 8.0690,
2.4450

■ 43.7730, 8.0690,
2.4450

■ 255.0000, -0.0000,
-0.0000

■ 23.3600, 7.7940,
1.9220

■ 89.3710, 9.2610,
2.8690

■ 0.0000, 0.0000,
0.0000

■ 113.6700, 9.8570,
3.0810

■ 139.5560, 10.1780,
2.7700

■ 165.8550, 10.7740,
2.9820

■ 192.8550, 10.7740,
2.9820

■ 220.8550, 10.7740,

2.9820

247.0610, 7.1980,
1.7100

43.7730, 8.0690,
2.4450

43.7730, 8.0690,
2.4450

40.2680, 11.0490,
3.5050

47.2780, 5.0890,
1.3850

36.6490, 14.3500,
4.2540

50.8970, 1.7880,
0.6360

33.1440, 17.3300,
5.3140

54.4020, -1.1920,
-0.4240

29.6390, 20.3100,
6.3740

57.9070, -4.1720,
-1.4840

26.1340, 23.2900,
7.4340

61.5260, -7.4730,
-2.2330

■ 22.5150, 26.5910,
8.1830

■ 65.0310, -10.4530,
-3.2930

■ 19.5970, 29.2960,
8.7200

■ 67.9490, -13.1580,
-3.8300

■ 18.1950, 30.4880,
9.1440

■ 71.4540, -16.1380,
-4.8900

■ 75.0730, -19.4390,
-5.6390

Harmonies

Analogous

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



44.0440, 5.8680, 3.7880



43.7730, 8.0690, 2.4450



43.3060, 7.8860, 0.2540

Triad

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



43.7730, 8.0690, 2.4450



41.8100, -2.5210, -3.8730



42.8190, -6.7400, 1.0040

Complementary

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



43.7730, 8.0690, 2.4450



48.2270, -8.0690, -2.4450

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.



41.7970, -9.6740, -0.8900



43.7730, 8.0690, 2.4450



41.3580, -7.0600, -4.2120

Square

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



43.7730, 8.0690, 2.4450



42.3760, 1.6970, -3.2230



41.6290, -9.2610, -2.8690



43.3250, -2.2930, 3.0110

Rectangle

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



43.7730, 8.0690, 2.4450



43.1810, 6.7400, -1.0040



41.6290, -9.2610, -2.8690



42.2210, -7.9320, 0.5800

Sweetspot

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



43.7730, 8.0690, 2.4450



65.3810, 3.3010, 0.7490



44.6680, 4.1710, 7.0110



33.1960, 2.3840, 0.8480



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



43.7730, 8.0690, 2.4450



54.1650, 12.8370, 4.1410



47.8820, 6.1440, -1.2160



23.8970, 1.7880, 0.6360



30.1330, 51.3940, 15.7300



73.6880, 125.2070, 38.1590

Inverse Universe

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



48.2270, -8.0690, -2.4450



61.2480, -12.5620, -3.6180



44.1180, -6.1440, 1.2160



24.5160, -1.5130, -0.1130



58.8670, -51.3940, -15.7300



142.7250, -124.9320, -37.6360

Previews

White Background



This preview shows how the YIQ color 43.7730, 8.0690, 2.4450 looks on a white background.

Color Contrast Check

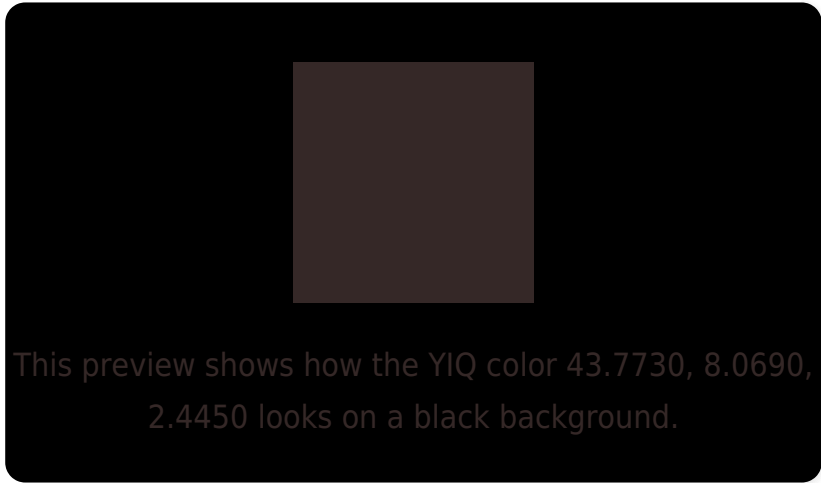
Large Text (above 18pt) WCAG AA ✓ Pass

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

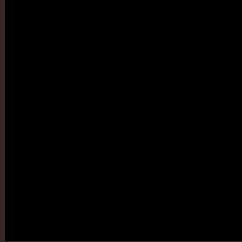
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.7730, 8.0690, 2.4450

Background



This preview shows how black text looks on a background with the YIQ color 43.7730, 8.0690, 2.4450.

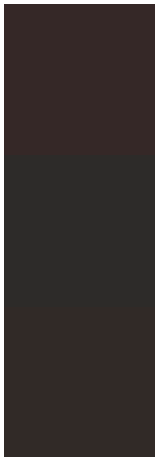


This preview shows how white text looks on a background with the YIQ color 43.7730, 8.0690, 2.4450.

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

43.7730, 8.0690, 2.4450

Protanopia

43.3700, 1.8340, -0.1980

Deuteranopia

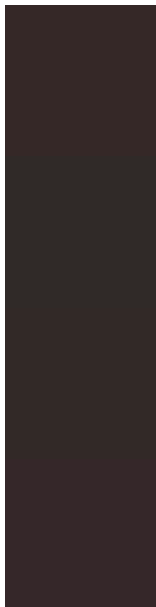
43.7510, 5.1350, 0.5510



Tritanopia

43.5280, 7.3810, 3.9010

Trichromacy



Original Color

43.7730, 8.0690, 2.4450

Protanomaly

43.5660, 4.2180, 0.6500

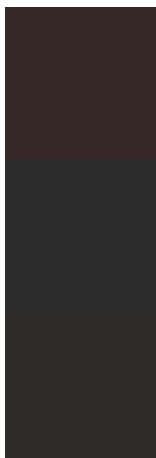
Deuteranomaly

43.4630, 6.0060, 1.2860

Tritanomaly

43.4140, 7.7020, 3.5900

Monochromacy



Original Color

43.7730, 8.0690, 2.4450

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0820, 2.7050, 0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.7730, 8.0690, 2.4450 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(53, 40, 39)` looks like.

```
.text, #text, p{  
    color:rgb(53, 40, 39)  
}
```

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(53, 40, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 40, 39) }
```

Border

The CSS property to change the border of an element to YIQ 43.7730, 8.0690, 2.4450 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(53, 40, 39) }
```

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

```
.border{ border-color:rgb(53, 40, 39) }
```

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

Here you see how a box with a 4 pixel rgb(53, 40, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 40, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 40, 39);  
box-shadow:4px 4px 4px 4px rgb(53, 40, 39)  
}
```


Background

The CSS property to change the background color of an element to YIQ 43.7730, 8.0690, 2.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 40, 39) }
```

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

```
.background{ background-color: rgb(53, 40,  
39) }
```

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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