

Converting Colors

YIQ(33.2390, 0.8250, 1.5690)

Have a look what the booklet for
YIQ(33.2390, 0.8250, 1.5690)
contains.

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Color

YIQ(33.2390, 0.8250, 1.5690)

Conversions

Conversions Part 1

Format	Color
Hex	232023
RGB	35, 32, 35
RGB Percent	14%, 13%, 14%
CMY	0.8627, 0.8745, 0.8627
CMYK	0.00, 0.09, 0.00, 0.86
HSL	300°, 4%, 13%
HSV	300°, 9%, 14%
XYZ	1.5131, 1.5117, 1.8022
YIQ	33.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

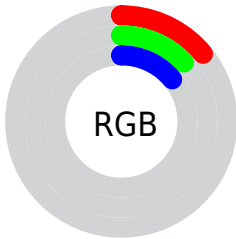
Format	Color
R_{YB}	35, 32, 35
Decimal	2301987
CIE Lab	12.68, 2.15, -1.52
CIE LCh	13, 2.631, 324.787
Yxy	1.5117, 0.3135, 0.3132
Android (android.graphics.Color)	4280492067 (0xFF232023)
YUV	33.2390, 0.8682, 1.5444
Hunter-Lab	12.2950, 0.4506, -0.0840

Details

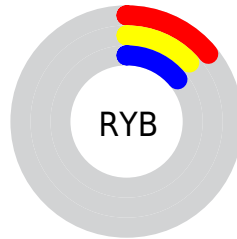
The YIQ color **33.2390, 0.8250, 1.5690** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.7610, -0.8250, -1.5690**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **77.2390, 0.8250, 1.5690**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.8910, 1.9250, 3.6610**, and if you desaturate by 10%, it is **35.5870, -0.2750, -0.5230**.

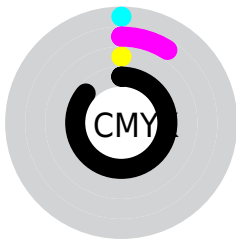
Distribution



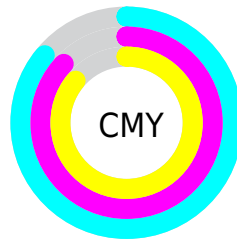
- Red (14%)
- Green (13%)
- Blue (14%)



- Red (14%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (86%)



- Cyan (86%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.2390, 0.8250, 1.5690 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 33.2390, 0.8250, 1.5690 by changing the saturation by 10% instead.

■ 33.2390, 0.8250,
1.5690

■ 33.2390, 0.8250,
1.5690

■ 255.0000, -0.0000,
-0.0000

■ 10.0650, 1.3750,
2.6150

■ 77.2390, 0.8250,
1.5690

■ 0.0000, 0.0000,
0.0000

■ 101.2390, 0.8250,
1.5690

■ 126.2390, 0.8250,
1.5690

■ 151.6520, 1.1000,
2.0920

■ 178.6520, 1.1000,
2.0920

■ 206.6520, 1.1000,

2.0920

234.6520, 1.1000,
2.0920

33.2390, 0.8250,
1.5690

33.2390, 0.8250,
1.5690

30.8910, 1.9250,
3.6610

35.5870, -0.2750,
-0.5230

29.1300, 2.7500,
5.2300

37.3480, -1.1000,
-2.0920

26.7820, 3.8500,
7.3220

39.6960, -2.2000,
-4.1840

25.0210, 4.6750,
8.8910

41.4570, -3.0250,
-5.7530

22.6730, 5.7750,
10.9830

43.8050, -4.1250,
-7.8450

■ 20.9120, 6.6000,
12.5520

■ 45.5660, -4.9500,
-9.4140

■ 18.5640, 7.7000,
14.6440

■ 47.9140, -6.0500,
-11.5060

■ 16.8030, 8.5250,
16.2130

■ 49.6750, -6.8750,
-13.0750

■ 14.4550, 9.6250,
18.3050

■ 52.0230, -7.9750,
-15.1670

Harmonies

Analogous

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



33.3420, -0.9630, 0.9330



33.2390, 0.8250, 1.5690



33.3100, 2.0630, 1.1590

Triad

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



33.2390, 0.8250, 1.5690



33.1420, 2.4760, -0.8200



32.2060, -3.5760, -1.2720

Complementary

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



33.2390, 0.8250, 1.5690



33.7610, -0.8250, -1.5690

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.



32.2770, -2.3380, -1.6820



33.2390, 0.8250, 1.5690



32.6580, 0.9630, -0.9330

Square

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



33.2390, 0.8250, 1.5690



32.9680, 3.0260, 0.2260



32.7610, -0.8250, -1.5690



32.7330, -3.6220, -0.4380

Rectangle

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



33.2390, 0.8250, 1.5690



33.4950, 2.9800, 1.0600



32.7610, -0.8250, -1.5690



32.5050, -2.9800, -1.0600

Sweetspot

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



33.2390, 0.8250, 1.5690



45.4130, 0.2750, 0.5230



32.3420, -0.9630, 0.9330



22.4130, 0.2750, 0.5230



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



33.2390, 0.8250, 1.5690



43.0650, 1.3750, 2.6150



33.1250, 1.1460, 1.2580



16.8260, 0.5500, 1.0460



33.8660, 22.5500, 42.8860



86.3170, 57.4750, 109.3070

Inverse Universe

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



33.2390, 0.8250, 1.5690



43.0650, 1.3750, 2.6150



33.9890, -1.4670, -0.9470



16.8260, 0.5500, 1.0460



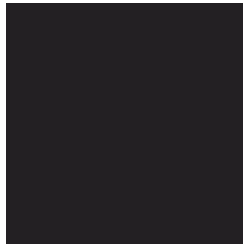
33.8660, 22.5500, 42.8860



86.3170, 57.4750, 109.3070

Previews

White Background



This preview shows how the YIQ color 33.2390, 0.8250, 1.5690 looks on a white background.

Color Contrast Check

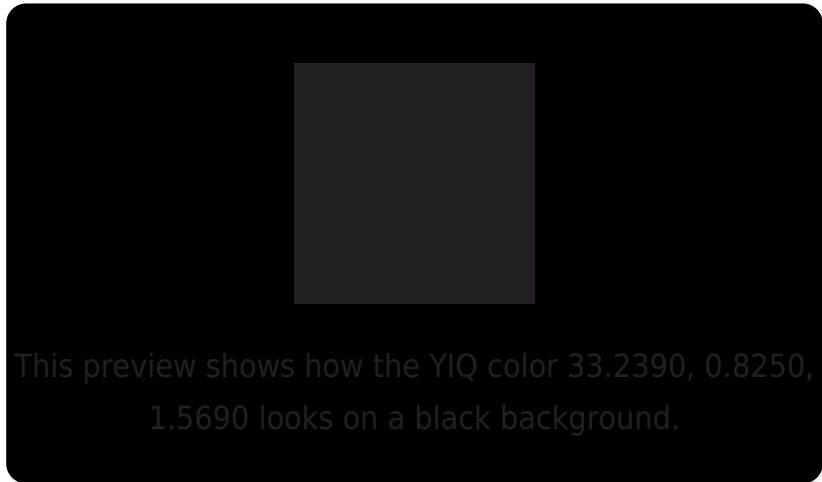
Large Text (above 18pt) WCAG AA ✓ Pass

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

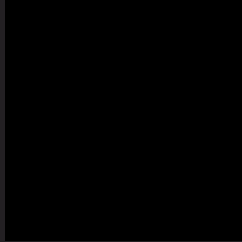
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

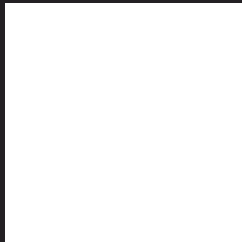
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 33.2390, 0.8250, 1.5690

Background



This preview shows how black text looks on a background with the YIQ color 33.2390, 0.8250, 1.5690.

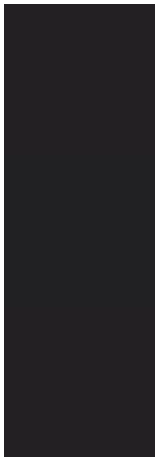


This preview shows how white text looks on a background with the YIQ color 33.2390, 0.8250, 1.5690.

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

33.2390, 0.8250, 1.5690

Protanopia

33.2280, -0.6420, 0.6220

Deuteranopia

33.2390, 0.8250, 1.5690



Tritanopia

33.2390, 0.8250, 1.5690

Trichromacy



Original Color

33.2390, 0.8250, 1.5690

Protanomaly

33.5270, -0.0460, 0.8340

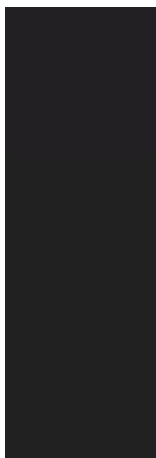
Deuteranomaly

33.2390, 0.8250, 1.5690

Tritanomaly

33.2390, 0.8250, 1.5690

Monochromacy



Original Color

33.2390, 0.8250, 1.5690

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

33.4130, 0.2750, 0.5230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.2390, 0.8250, 1.5690 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(35, 32, 35)` looks like.

```
.text, #text, p{  
    color:rgb(35, 32, 35)  
}
```

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(35, 32, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 32, 35) }
```

Border

The CSS property to change the border of an element to YIQ 33.2390, 0.8250, 1.5690 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(35, 32, 35) }
```

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

```
.border{ border-color:rgb(35, 32, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 32, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 32, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 32, 35);  
box-shadow:4px 4px 4px 4px rgb(35, 32, 35)  
}
```


Background

The CSS property to change the background color of an element to YIQ 33.2390, 0.8250, 1.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 32, 35) }
```

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

```
.background{ background-color: rgb(35, 32,  
35) }
```

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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