

Converting Colors

YIQ(35.6970, 14.3950, 8.9470)

Have a look what the booklet for
YIQ(35.6970, 14.3950, 8.9470)
contains.

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Color

**YIQ(35.6970, 14.3950,
8.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	371A23
RGB	55, 26, 35
RGB Percent	22%, 10%, 14%
CMY	0.7842, 0.8981, 0.8627
CMYK	0.00, 0.53, 0.36, 0.78
HSL	341°, 36%, 16%
HSV	341°, 53%, 22%
XYZ	2.2493, 1.6724, 1.7954
YIQ	35.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

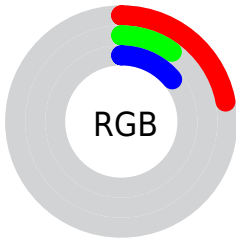
Format	Color
R_{YB}	55, 26, 35
Decimal	3611171
CIE _{Lab}	13.66, 15.69, 0.24
CIE _{LCh}	14, 15.687, 0.881
Yxy	1.6724, 0.3934, 0.2925
Android (android.graphics.Color)	4281801251 (0xFF371A23)
YUV	35.6970, -0.3436, 16.9287
Hunter-Lab	12.9323, 8.4146, 0.8215

Details

The YIQ color **35.6970, 14.3950, 8.9470** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **45.3030, -14.3950, -8.9470**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8930, 16.7790, 9.7950**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.7190, 17.3290, 10.8410**, and if you desaturate by 10%, it is **39.0880, 11.7360, 7.5760**.

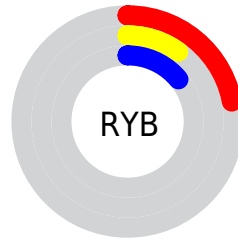
Distribution



Red (22%)

Green (10%)

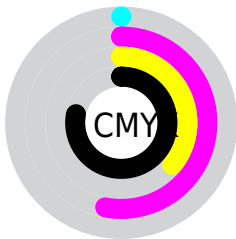
Blue (14%)



Red (22%)

Yellow (10%)

Blue (14%)

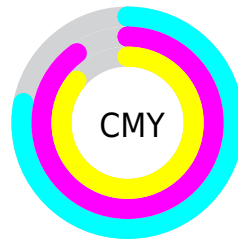


Cyan (0%)

Magenta (53%)

Yellow (36%)

Black (78%)



Cyan (78%)

Magenta (90%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.6970, 14.3950, 8.9470 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 35.6970, 14.3950, 8.9470 by changing the saturation by 10% instead.

■ 35.6970, 14.3950,
8.9470

■ 35.6970, 14.3950,
8.9470

■ 255.0000, -0.0000,
-0.0000

■ 12.5340, 16.4120,
10.9400

■ 80.8930, 16.7790,
9.7950

■ 0.0000, 0.0000,
0.0000

■ 105.4910, 17.9710,
10.2190

■ 130.7900, 18.5670,
10.4310

■ 157.0890, 19.1630,
10.6430

■ 183.8010, 20.0340,
11.3780

■ 211.2140, 20.3090,

11.9010

236.5120, 13.4780,
9.0460

35.6970, 14.3950,
8.9470

35.6970, 14.3950,
8.9470

31.7190, 17.3290,
10.8410

39.0880, 11.7360,
7.5760

28.3280, 19.9880,
12.2120

43.0660, 8.8020,
5.6820

24.4640, 22.6010,
14.4170

46.3430, 6.4640,
4.0000

21.0730, 25.2600,
15.7880

50.3210, 3.5300,
2.1060

18.3830, 27.3230,
16.9470

53.7120, 0.8710,
0.7350

■ 57.6900, -2.0630,
-1.1590

■ 61.6680, -4.9970,
-3.0530

■ 64.9450, -7.3350,
-4.7350

■ 68.9230, -10.2690,
-6.6290

Harmonies

Analogous

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



36.3310, 6.7380, 10.0500



35.6970, 14.3950, 8.9470



35.0300, 17.6510, 5.0030

Triad

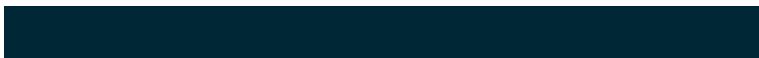
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.6970, 14.3950, 8.9470



32.9860, 2.6150, -8.8490



29.0490, -28.0590, -3.6030

Complementary

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



35.6970, 14.3950, 8.9470



45.3030, -14.3950, -8.9470

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.



28.7240, -25.7660, -6.6140



35.6970, 14.3950, 8.9470



31.0000, -9.1680, -10.0640

Square

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



35.6970, 14.3950, 8.9470



33.7700, 12.1510, -5.4570



28.0570, -22.5100, -10.5580



33.0120, -17.4690, 2.7150

Rectangle

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



35.6970, 14.3950, 8.9470



34.6230, 17.2390, 1.4550



28.0570, -22.5100, -10.5580



28.8210, -27.4170, -4.2250

Sweetspot

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



35.6970, 14.3950, 8.9470



63.7450, 5.2720, 3.5760



35.2860, 2.6110, 13.2590



31.3210, 3.5300, 2.1060



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.



35.6970, 14.3950, 8.9470



41.0510, 22.3260, 13.8940



37.6060, 15.9090, 3.5330



26.0110, 1.4670, 0.9470



30.8140, 45.5230, 28.5230



73.2330, 108.6960, 67.5760

Inverse Universe

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



35.6970, 14.3950, 8.9470



41.0510, 22.3260, 13.8940



43.3940, -15.9090, -3.5330



26.0110, 1.4670, 0.9470



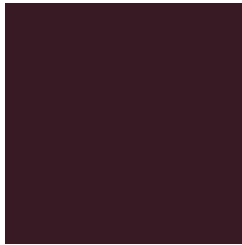
30.8140, 45.5230, 28.5230



73.2330, 108.6960, 67.5760

Previews

White Background



This preview shows how the YIQ color 35.6970, 14.3950, 8.9470 looks on a white background.

Color Contrast Check

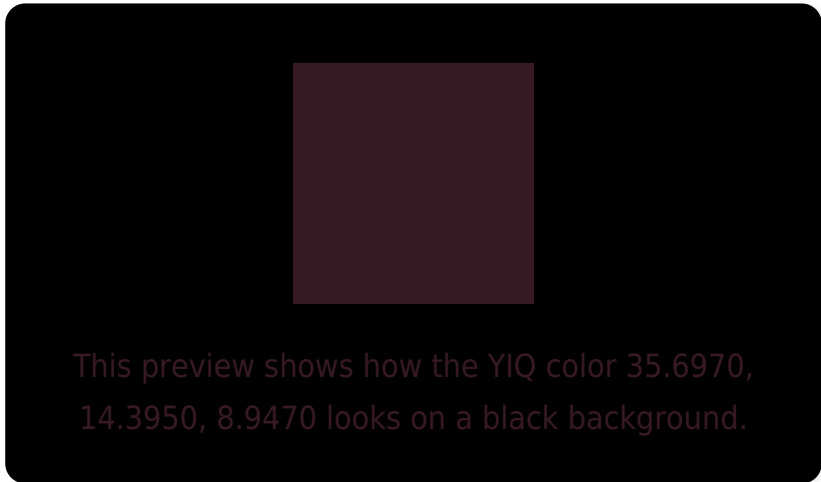
Large Text (above 18pt) WCAG AA ✓ Pass

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

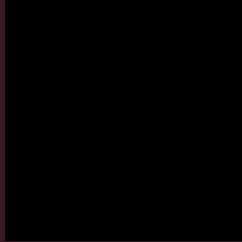
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.6970, 14.3950, 8.9470

Background



This preview shows how black text looks on a background with the YIQ color 35.6970, 14.3950, 8.9470.



This preview shows how white text looks on a background with the YIQ color 35.6970, 14.3950,

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

35.6970, 14.3950, 8.9470

Protanopia

35.6840, -1.9260, 1.8660

Deuteranopia

35.7940, 3.5760, 1.2720



Tritanopia

35.6000, 16.0460, 6.5580

Trichromacy



Original Color

35.6970, 14.3950, 8.9470

Protanomaly

35.7880, 3.7130, 4.2970

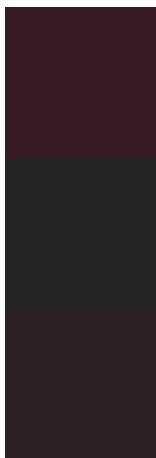
Deuteranomaly

35.5280, 7.3810, 3.9010

Tritanomaly

35.8280, 15.4040, 7.1800

Monochromacy



Original Color

35.6970, 14.3950, 8.9470

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

35.7450, 5.2720, 3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.6970, 14.3950, 8.9470 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(55, 26, 35)` looks like.

```
.text, #text, p{  
    color:rgb(55, 26, 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(55, 26, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 26, 35) }
```

Border

The CSS property to change the border of an element to YIQ 35.6970, 14.3950, 8.9470 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(55, 26, 35) }
```


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

```
.border{ border-color:rgb(55, 26, 35) }
```

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

Here you see how a box with a 4 pixel rgb(55, 26, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 26, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 26, 35);  
box-shadow:4px 4px 4px 4px rgb(55, 26, 35)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.6970, 14.3950, 8.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 26, 35) }
```

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

```
.background{ background-color: rgb(55, 26,  
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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