

Converting Colors

YIQ(47.3450, 29.3450, -8.6950)

Have a look what the booklet for
YIQ(47.3450, 29.3450, -8.6950)
contains.

YIQ(47.3450, 29.3450, -8.6950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(47.3450, 29.3450,
-8.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	462D00
RGB	70, 45, 0
RGB Percent	27%, 18%, 0%
CMY	0.7255, 0.8236, 0.9998
CMYK	0.00, 0.36, 1.00, 0.73
HSL	39°, 100%, 14%
HSV	39°, 100%, 27%
XYZ	3.4646, 3.1784, 0.4320
YIQ	47.3450, 29.3450, -8.6950

Conversions

Conversions Part 2

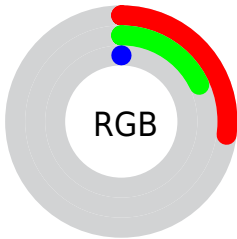
Format	Color
RYB	39, 70, 0
Decimal	4599040
CIELab	20.74, 7.40, 29.59
CIElCh	21, 30.499, 75.958
Yxy	3.1784, 0.4897, 0.4492
Android (android.graphics.Color)	4282789120 (0xFF462D00)
YUV	47.3450, -23.3411, 19.8684
Hunter-Lab	17.8282, 3.4887, 11.0430

Details

The YIQ color **47.3450, 29.3450, -8.6950** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.6550, -29.3450, 8.6950**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.9540, 32.0040, -7.3240**, and **5.9800, 11.9200, 4.2400** is the 20% darker color. If you saturate the color by 10%, you get **47.3450, 29.3450, -8.6950**, and if you desaturate by 10%, it is **49.3170, 26.5480, -7.5640**.

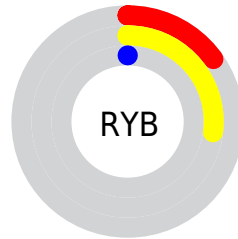
Distribution



Red (27%)

Green (18%)

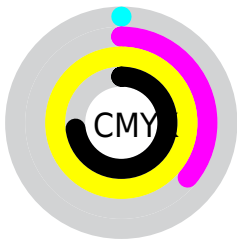
Blue (0%)



Red (15%)

Yellow (27%)

Blue (0%)

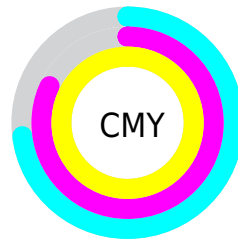


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.3450, 29.3450, -8.6950 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 47.3450, 29.3450, -8.6950 by changing the saturation by 10% instead.

47.3450, 29.3450,
-8.6950

47.3450, 29.3450,
-8.6950

251.9220, 8.6670,
-8.3970

27.5430, 20.2200,
-3.0120

94.9540, 32.0040,
-7.3240

5.9800, 11.9200,
4.2400

119.7370, 34.1130,
-6.9990

0.0000, 0.0000,
0.0000

146.2210, 35.6260,
-6.8860

172.7050, 37.1390,
-6.7730

200.1890, 38.6520,
-6.6600

226.1670, 35.7180,

-8.5540

■ 245.7950, 19.0300,
-14.4900

■ 47.3450, 29.3450,
-8.6950

■ 49.3170, 26.5480,
-7.5640

■ 51.8760, 23.4760,
-6.9560

■ 54.4350, 20.4040,
-6.3480

■ 56.4070, 17.6070,
-5.2170

■ 58.9660, 14.5350,
-4.6090

■ 60.9380, 11.7380,
-3.4780

■ 63.4970, 8.6660,
-2.8700

■ 65.4690, 5.8690,
-1.7390

■ 68.0280, 2.7970,
-1.1310

Harmonies

Analogous

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



48.3000, 34.3860, 4.5780



47.3450, 29.3450, -8.6950



45.4740, 15.5000, -16.5960

Triad

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



47.3450, 29.3450, -8.6950



42.2880, -36.4020, -12.0980



51.8610, 2.6100, 18.7860

Complementary

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



47.3450, 29.3450, -8.6950



22.6550, -29.3450, 8.6950

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.



47.1500, -26.3650, 9.7550



47.3450, 29.3450, -8.6950



43.9810, -42.5470, -5.3550

Square

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



47.3450, 29.3450, -8.6950



39.5520, -28.6980, -19.5620



42.8870, -44.9780, 0.1580



49.9790, 22.8290, 21.3010

Rectangle

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



47.3450, 29.3450, -8.6950



43.7650, 1.3790, -19.4930



42.8870, -44.9780, 0.1580



51.2020, -5.7800, 16.6520

Sweetspot

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



47.3450, 29.3450, -8.6950



82.9380, 11.7380, -3.4780



23.8940, 33.3740, 22.9260



40.5400, 7.1070, -2.1490



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



47.3450, 29.3450, -8.6950



62.1410, 38.6070, -11.3530



59.3290, 17.1060, -23.6780



34.3700, 1.8340, -0.1980



67.1690, 41.4040, -12.4840



153.5750, 95.1420, -28.2340

Inverse Universe

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



22.6550, -29.3450, 8.6950



29.8590, -38.6070, 11.3530



10.6710, -17.1060, 23.6780



33.0430, -1.5590, 0.7210



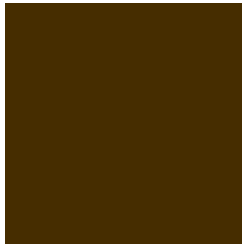
32.4180, -41.6790, 11.9610



73.4250, -95.1420, 28.2340

Previews

White Background



This preview shows how the YIQ color 47.3450, 29.3450, -8.6950 looks on a white background.

Color Contrast Check

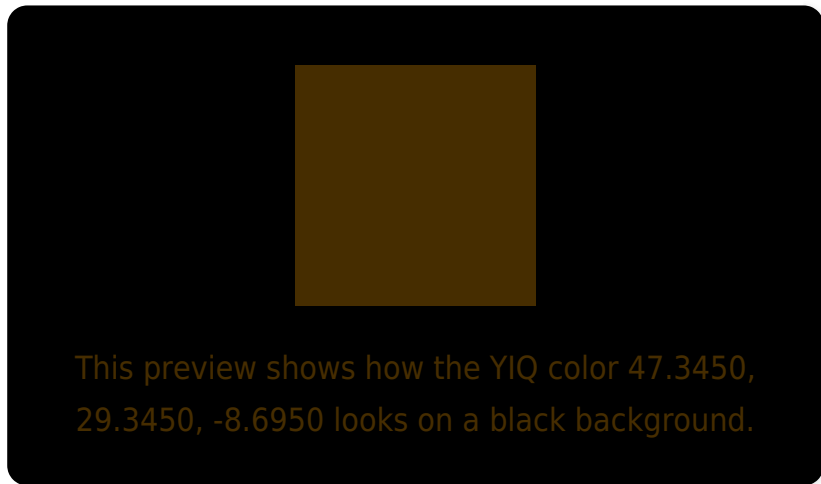
Large Text (above 18pt) WCAG AA ✓ Pass

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

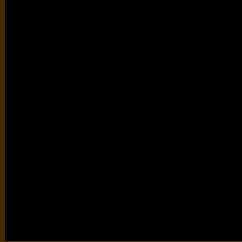
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.3450, 29.3450, -8.6950

Background



This preview shows how black text looks on a background with the YIQ color 47.3450, 29.3450, -8.6950.



This preview shows how white text looks on a background with the YIQ color 47.3450, 29.3450, -8.6950.

-8.6950.

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

47.3450, 29.3450, -8.6950

Protanopia

47.5500, 18.3420, -13.0340

Deuteranopia

47.3120, 24.9440, -11.5360



Tritanopia

51.3120, 16.9170, 7.2930

Trichromacy



Original Color

47.3450, 29.3450, -8.6950

Protanomaly

47.6430, 22.5140, -11.5500

Deuteranomaly

47.3230, 26.4110, -10.5890

Tritanomaly

49.7760, 21.1820, 1.5820

Monochromacy



Original Color

47.3450, 29.3450, -8.6950

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8670, 10.5000, -3.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.3450, 29.3450, -8.6950 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(70, 45, 0)` looks like.

```
.text, #text, p{  
    color:rgb(70, 45, 0)  
}
```

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(70, 45, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 45, 0) }
```

Border

The CSS property to change the border of an element to YIQ 47.3450, 29.3450, -8.6950 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(70, 45, 0) }
```


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

```
.border{ border-color:rgb(70, 45, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 45, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 45, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 45, 0); box-shadow:4px  
4px 4px 4px rgb(70, 45, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 47.3450, 29.3450, -8.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 45, 0) }
```

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

```
.background{ background-color: rgb(70, 45,  
0) }
```

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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