

Converting Colors

YIQ(29.3910, 32.8720, 9.9920)

Have a look what the booklet for
YIQ(29.3910, 32.8720, 9.9920)
contains.

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Color

**YIQ(29.3910, 32.8720,
9.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	430E0A
RGB	67, 14, 10
RGB Percent	26%, 5%, 4%
CMY	0.7371, 0.9452, 0.9606
CMYK	0.00, 0.79, 0.85, 0.74
HSL	4°, 74%, 15%
HSV	4°, 85%, 26%
XYZ	2.5286, 1.5299, 0.4502
YIQ	29.3910, 32.8720, 9.9920

Conversions

Conversions Part 2

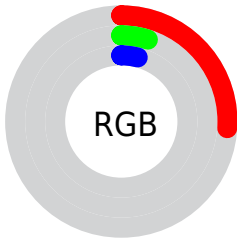
Format	Color
RYB	67, 14, 10
Decimal	4394506
CIELab	12.80, 25.14, 15.62
CIELCh	13, 29.599, 31.862
Yxy	1.5299, 0.5608, 0.3393
Android (android.graphics.Color)	4282584586 (0xFF430E0A)
YUV	29.3910, -9.5598, 32.9831
Hunter-Lab	12.3688, 14.8462, 6.5003

Details

The YIQ color **29.3910, 32.8720, 9.9920** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **47.6090, -32.8720, -9.9920**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **76.9570, 37.0900, 10.6420**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.0710, 36.7690, 10.9530**, and if you desaturate by 10%, it is **33.7110, 28.9750, 9.0310**.

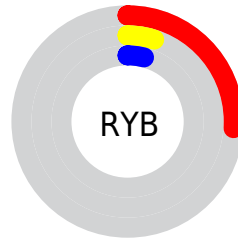
Distribution



Red (26%)

Green (5%)

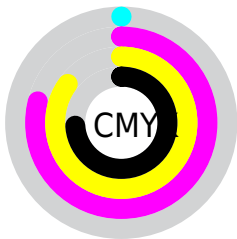
Blue (4%)



Red (26%)

Yellow (5%)

Blue (4%)

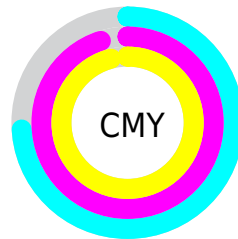


Cyan (0%)

Magenta (79%)

Yellow (85%)

Black (74%)



Cyan (74%)


Magenta (95%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 29.3910, 32.8720, 9.9920 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 29.3910, 32.8720, 9.9920 by changing the saturation by 10% instead.

 29.3910, 32.8720,
9.9920


 29.3910, 32.8720,
9.9920


 246.7360, 9.4910,
-1.3010


 13.1560, 26.2240,
9.3280


 76.9570, 37.0900,
10.6420

 0.0000, 0.0000,
0.0000

 102.0390, 39.7950,
11.1790


 127.4090, 41.6290,
10.9810


 153.6050, 44.0130,
11.8290


 181.0890, 45.5260,
11.9420


 206.8930, 43.1420,


11.0940


 226.5210, 26.4540,
5.1580


 29.3910, 32.8720,
9.9920


 29.3910, 32.8720,
9.9920


 25.0710, 36.7690,
10.9530


 33.7110, 28.9750,
9.0310

 22.9680, 38.5570,
11.5890

 37.9170, 25.3990,
7.7590

 42.8240, 21.2270,
6.2750

 47.1440, 17.3300,
5.3140

 51.4640, 13.4330,
4.3530

■ 55.6700, 9.8570,
3.0810

■ 60.5770, 5.6850,
1.5970

■ 64.8970, 1.7880,
0.6360

■ 69.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



29.3770, 27.4600, 19.9720



29.3910, 32.8720, 9.9920



31.1310, 27.3720, -0.4680

Triad

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



29.3910, 32.8720, 9.9920



25.3210, -14.8060, -18.0220



28.9810, -33.3790, 4.7090

Complementary

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



29.3910, 32.8720, 9.9920



47.6090, -32.8720, -9.9920

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.



31.3460, -33.1490, 0.5390



29.3910, 32.8720, 9.9920



28.5300, -22.4640, -11.3920

Square

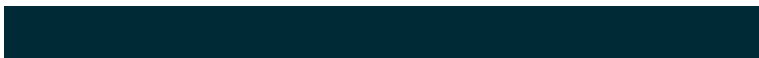
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.3910, 32.8720, 9.9920



28.8840, 2.6620, -15.2100



30.8100, -28.8840, -5.1720



33.4680, -9.5850, 14.0230

Rectangle

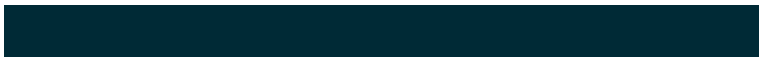
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.3910, 32.8720, 9.9920



31.6630, 19.7620, -5.7260



30.8100, -28.8840, -5.1720



30.1550, -33.9290, 3.6630

Sweetspot

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



29.3910, 32.8720, 9.9920



72.0510, 13.1580, 3.8300



33.0850, 16.9590, 28.5670



34.4740, 7.4730, 2.2330



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



29.3910, 32.8720, 9.9920



29.5350, 50.2020, 15.3060



45.8270, 25.1720, -4.6520



30.8970, 1.7880, 0.6360



33.1120, 55.8870, 16.9030



76.3680, 129.1040, 39.1200

Inverse Universe

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



47.6090, -32.8720, -9.9920



57.4650, -50.2020, -15.3060



31.1730, -25.1720, 4.6520



32.1030, -1.7880, -0.6360



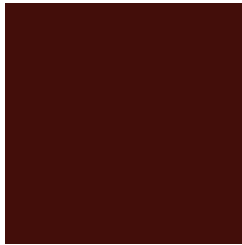
63.8880, -55.8870, -16.9030



148.2190, -129.3790, -39.6430

Previews

White Background



This preview shows how the YIQ color 29.3910, 32.8720, 9.9920 looks on a white background.

Color Contrast Check

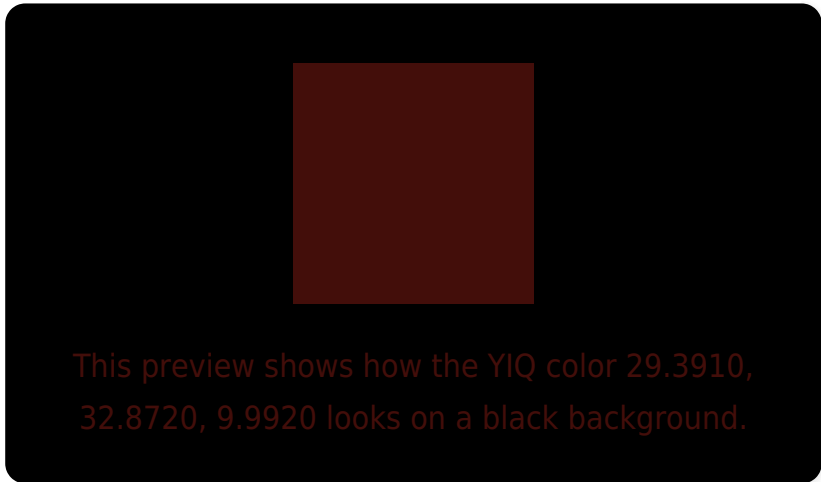
Large Text (above 18pt) WCAG AA ✓ Pass

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

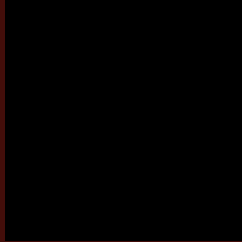
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.3910, 32.8720, 9.9920

Background



This preview shows how black text looks on a background with the YIQ color 29.3910, 32.8720, 9.9920.

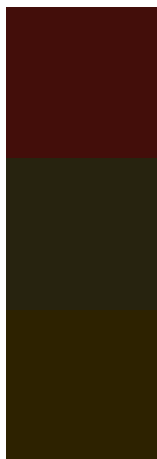


This preview shows how white text looks on a background with the YIQ color 29.3910, 32.8720,

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

29.3910, 32.8720, 9.9920

Protanopia

33.9160, 8.8040, -5.3720

Deuteranopia

33.4130, 17.4700, -8.2420



Tritanopia

29.8470, 31.5880, 11.2360

Trichromacy



Original Color

29.3910, 32.8720, 9.9920

Protanomaly

31.9820, 17.6060, 0.3100

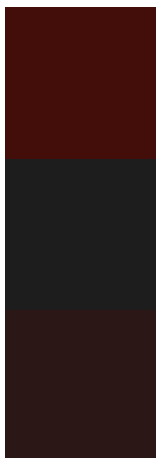
Deuteranomaly

32.1520, 22.8790, -1.6410

Tritanomaly

29.7330, 31.9090, 10.9250

Monochromacy



Original Color

29.3910, 32.8720, 9.9920

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.4530, 11.9660, 3.4060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.3910, 32.8720, 9.9920 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(67, 14, 10)` looks like.

```
.text, #text, p{  
    color:rgb(67, 14, 10)  
}
```

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(67, 14, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 14, 10) }
```

Border

The CSS property to change the border of an element to YIQ 29.3910, 32.8720, 9.9920 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(67, 14, 10) }
```


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

```
.border{ border-color:rgb(67, 14, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 14, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 14, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 14, 10);  
box-shadow:4px 4px 4px 4px rgb(67, 14, 10)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.3910, 32.8720, 9.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 14, 10) }
```

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

```
.background{ background-color: rgb(67, 14,  
10) }
```

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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