

Converting Colors

YIQ(34.9630, 10.5900, 6.3180)

Have a look what the booklet for
YIQ(34.9630, 10.5900, 6.3180)
contains.

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Color

**YIQ(34.9630, 10.5900,
6.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	311C22
RGB	49, 28, 34
RGB Percent	19%, 11%, 13%
CMY	0.8078, 0.8902, 0.8666
CMYK	0.00, 0.43, 0.31, 0.81
HSL	343°, 27%, 15%
HSV	343°, 43%, 19%
XYZ	1.9712, 1.5989, 1.7188
YIQ	34.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

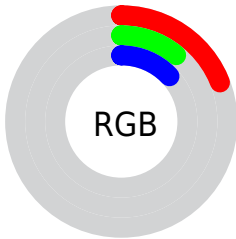
Format	Color
R_{YB}	49, 28, 34
Decimal	3218466
CIE _{Lab}	13.22, 11.41, 0.21
CIE _{LCh}	13, 11.410, 1.078
Yxy	1.5989, 0.3727, 0.3023
Android (android.graphics.Color)	4281408546 (0xFF311C22)
YUV	34.9630, -0.4748, 12.3104
Hunter-Lab	12.6449, 5.6974, 0.7922

Details

The YIQ color **34.9630, 10.5900, 6.3180** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.0370, -10.5900, -6.3180**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.8600, 12.3780, 6.9540**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.6860, 12.9280, 8.0000**, and if you desaturate by 10%, it is **38.3540, 7.9310, 4.9470**.

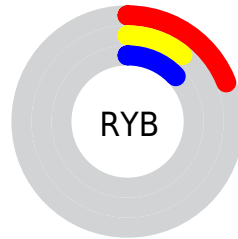
Distribution



Red (19%)

Green (11%)

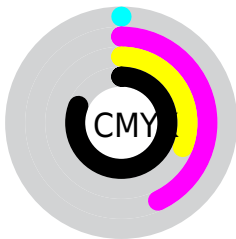
Blue (13%)



Red (19%)

Yellow (11%)

Blue (13%)

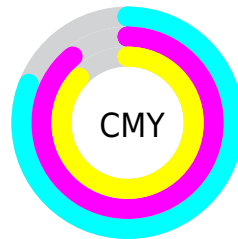


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (81%)



Cyan (81%)

Magenta (89%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.9630, 10.5900, 6.3180 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 34.9630, 10.5900, 6.3180 by changing the saturation by 10% instead.

■ 34.9630, 10.5900,
6.3180

■ 34.9630, 10.5900,
6.3180

■ 255.0000, -0.0000,
-0.0000

■ 12.0990, 13.2030,
8.5230

■ 79.8600, 12.3780,
6.9540

■ 0.0000, 0.0000,
0.0000

■ 104.1590, 12.9740,
7.1660

■ 128.8710, 13.8450,
7.9010

■ 155.1700, 14.4410,
8.1130

■ 182.1700, 14.4410,
8.1130

■ 209.4690, 15.0370,

8.3250

236.8710, 13.8450,
7.9010

34.9630, 10.5900,
6.3180

34.9630, 10.5900,
6.3180

31.6860, 12.9280,
8.0000

38.3540, 7.9310,
4.9470

28.2950, 15.5870,
9.3710

41.6310, 5.5930,
3.2650

25.0180, 17.9250,
11.0530

45.0220, 2.9340,
1.8940

21.6270, 20.5840,
12.4240

48.2990, 0.5960,
0.2120

18.3500, 22.9220,
14.1060

51.1030, -1.7880,
-0.6360

■ 16.2470, 24.7100,
14.7420

■ 54.3800, -4.1260,
-2.3180

■ 57.6570, -6.4640,
-4.0000

■ 61.0480, -9.1230,
-5.3710

■ 64.3250, -11.4610,
-7.0530

Harmonies

Analogous

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



34.9670, 4.7670, 7.2230



34.9630, 10.5900, 6.3180



34.6380, 12.8830, 3.3070

Triad

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



34.9630, 10.5900, 6.3180



32.6810, 2.1560, -6.0360



30.7790, -18.4310, -1.8790

Complementary

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



34.9630, 10.5900, 6.3180



42.0370, -10.5900, -6.3180

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.



29.1870, -19.7600, -5.3280



34.9630, 10.5900, 6.3180



31.5490, -6.2800, -7.3360

Square

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



34.9630, 10.5900, 6.3180



33.6710, 8.1160, -3.9160



29.7700, -14.2120, -6.7560



33.4210, -11.3710, 2.3330

Rectangle

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



34.9630, 10.5900, 6.3180



34.1710, 12.7000, 1.1160



29.7700, -14.2120, -6.7560



29.6540, -19.5770, -3.1370

Sweetspot

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



34.9630, 10.5900, 6.3180



58.0330, 4.4010, 2.8410



34.8790, 2.1990, 9.7110



29.6090, 2.6590, 1.3710



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



34.9630, 10.5900, 6.3180



42.0070, 16.4580, 10.1060



36.6270, 11.4160, 2.3600



24.0110, 1.4670, 0.9470



29.5750, 44.6980, 26.9540



71.9510, 109.4300, 65.2860

Inverse Universe

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



34.9630, 10.5900, 6.3180



42.0070, 16.4580, 10.1060



40.3730, -11.4160, -2.3600



24.0110, 1.4670, 0.9470



29.5750, 44.6980, 26.9540



71.9510, 109.4300, 65.2860

Previews

White Background



This preview shows how the YIQ color 34.9630, 10.5900, 6.3180 looks on a white background.

Color Contrast Check

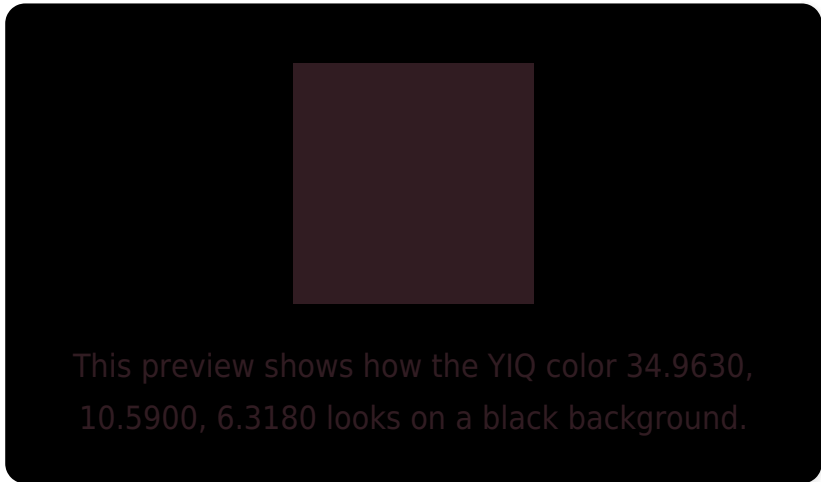
Large Text (above 18pt) WCAG AA ✓ Pass

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

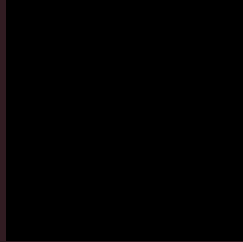
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.9630, 10.5900, 6.3180

Background



This preview shows how black text looks on a background with the YIQ color 34.9630, 10.5900, 6.3180.



This preview shows how white text looks on a background with the YIQ color 34.9630, 10.5900,

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

34.9630, 10.5900, 6.3180

Protanopia

34.4560, -1.2840, 1.2440

Deuteranopia

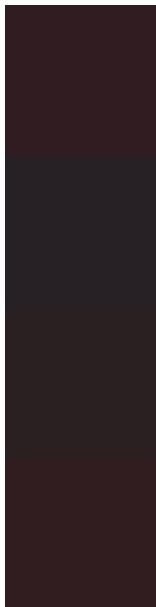
34.4950, 2.9800, 1.0600



Tritanopia

35.2080, 11.2780, 4.8620

Trichromacy



Original Color

34.9630, 10.5900, 6.3180

Protanomaly

34.6630, 2.5670, 3.0390

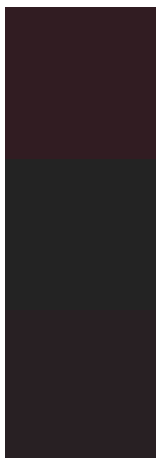
Deuteranomaly

34.5170, 5.9140, 2.9540

Tritanomaly

35.3220, 10.9570, 5.1730

Monochromacy



Original Color

34.9630, 10.5900, 6.3180

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.7340, 3.8050, 2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.9630, 10.5900, 6.3180 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(49, 28, 34)` looks like.

```
.text, #text, p{  
    color:rgb(49, 28, 34)  
}
```

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(49, 28, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 28, 34) }
```

Border

The CSS property to change the border of an element to YIQ 34.9630, 10.5900, 6.3180 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(49, 28, 34) }
```


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

```
.border{ border-color:rgb(49, 28, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 28, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 28, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 28, 34);  
box-shadow:4px 4px 4px 4px rgb(49, 28, 34)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.9630, 10.5900, 6.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 28, 34) }
```

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

```
.background{ background-color: rgb(49, 28,  
34) }
```

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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