

Converting Colors

YIQ(34.2110, 33.5590, 14.0630)

Have a look what the booklet for
YIQ(34.2110, 33.5590, 14.0630)
contains.

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Color

**YIQ(34.2110, 33.5590,
14.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1015
RGB	75, 16, 21
RGB Percent	29%, 6%, 8%
CMY	0.7057, 0.9373, 0.9175
CMYK	0.00, 0.79, 0.72, 0.71
HSL	355°, 65%, 18%
HSV	355°, 79%, 29%
XYZ	3.2251, 1.9214, 0.9120
YIQ	34.2110, 33.5590, 14.0630

Conversions

Conversions Part 2

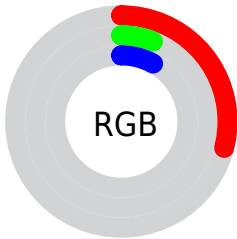
Format	Color
RYB	75, 16, 21
Decimal	4919317
CIELab	15.07, 27.95, 12.94
CIELCh	15, 30.801, 24.837
Yxy	1.9214, 0.5323, 0.3171
Android (android.graphics.Color)	4283109397 (0xFF4B1015)
YUV	34.2110, -6.5130, 35.7720
Hunter-Lab	13.8616, 17.2727, 5.8024

Details

The YIQ color **34.2110, 33.5590, 14.0630** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **56.7890, -33.5590, -14.0630**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.4350, 38.7400, 13.7800**, and **4.7840, 9.5360, 3.3920** is the 20% darker color. If you saturate the color by 10%, you get **28.7170, 38.0060, 16.0700**, and if you desaturate by 10%, it is **39.1180, 29.3870, 12.5790**.

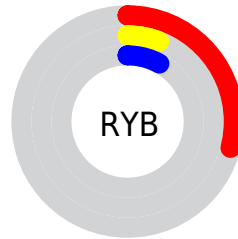
Distribution



Red (29%)

Green (6%)

Blue (8%)



Red (29%)

Yellow (6%)

Blue (8%)

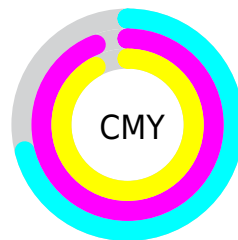


Cyan (0%)

Magenta (79%)

Yellow (72%)

Black (71%)



Cyan (71%)


Magenta (94%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 34.2110, 33.5590, 14.0630 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 34.2110, 33.5590, 14.0630 by changing the saturation by 10% instead.


 34.2110, 33.5590,
14.0630


 34.2110, 33.5590,
14.0630

 250.4520, 4.5390,
0.3390


 15.2490, 30.3960,
10.8120


 82.4350, 38.7400,
13.7800


 4.7840, 9.5360,
3.3920

 107.5170, 41.4450,
14.3170

 0.0000, 0.0000,
0.0000

 134.0010, 42.9580,
14.4300

 159.8980, 44.7460,
15.0660

 187.6810, 46.8550,
15.3910

 211.0820, 38.2360,

11.9000

■ 230.7100, 21.5480,
5.9640

■ 34.2110, 33.5590,
14.0630

■ 34.2110, 33.5590,
14.0630

■ 28.7170, 38.0060,
16.0700

■ 39.1180, 29.3870,
12.5790

■ 23.8100, 42.1780,
17.5540

■ 44.6120, 24.9400,
10.5720

■ 23.1090, 42.7740,
17.7660

■ 49.5190, 20.7680,
9.0880

■ 54.8990, 16.6420,
6.7700

■ 59.8060, 12.4700,
5.2860

■ 65.3000, 8.0230,
3.2790

■ 70.7940, 3.5760,
1.2720

■ 75.7010, -0.5960,
-0.2120

■ 81.1950, -5.0430,
-2.2190

Harmonies

Analogous

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



34.6590, 26.7260, 22.2620



34.2110, 33.5590, 14.0630



35.2950, 32.7820, 0.6060

Triad

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



34.2110, 33.5590, 14.0630



28.0280, -15.5390, -21.2590



33.8880, -37.5510, 3.2250

Complementary

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



34.2110, 33.5590, 14.0630



56.7890, -33.5590, -14.0630

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.



35.3240, -36.0830, -1.3550



34.2110, 33.5590, 14.0630



31.3510, -23.5180, -14.3180

Square

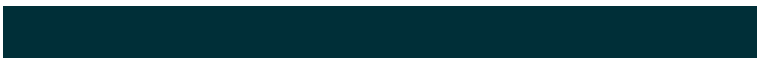
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.2110, 33.5590, 14.0630



34.2220, 7.5220, -15.1820



33.9730, -30.9010, -7.1650



37.2220, -17.7000, 12.4120

Rectangle

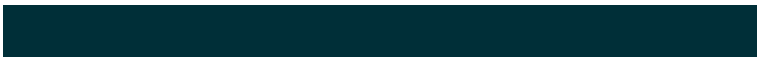
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.2110, 33.5590, 14.0630



36.4140, 24.8970, -5.1750



33.9730, -30.9010, -7.1650



34.3610, -37.5050, 2.3910

Sweetspot

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



34.2110, 33.5590, 14.0630



81.1050, 13.0660, 5.4980



38.5730, 12.6490, 29.5850



38.4140, 7.7020, 3.5900



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



34.2110, 33.5590, 14.0630



34.1210, 51.6680, 21.7800



47.7290, 28.5640, -0.0440



35.3100, 2.0630, 1.1590



31.5240, 57.9030, 24.4230



71.0500, 130.6600, 54.9800

Inverse Universe

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



34.2110, 33.5590, 14.0630



34.1210, 51.6680, 21.7800



43.2710, -28.5640, 0.0440



35.3100, 2.0630, 1.1590



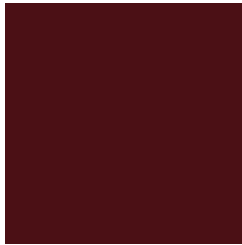
31.5240, 57.9030, 24.4230



71.0500, 130.6600, 54.9800

Previews

White Background



This preview shows how the YIQ color 34.2110, 33.5590, 14.0630 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

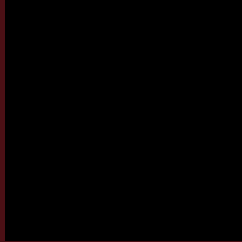
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.2110, 33.5590, 14.0630

Background



This preview shows how black text looks on a background with the YIQ color 34.2110, 33.5590, 14.0630.



This preview shows how white text looks on a background with the YIQ color 34.2110, 33.5590,

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

34.2110, 33.5590, 14.0630

Protanopia

39.6430, 5.3190, -2.7850

Deuteranopia

39.0090, 12.9760, -3.8880



Tritanopia

34.3420, 34.5680, 12.2960

Trichromacy



Original Color

34.2110, 33.5590, 14.0630

Protanomaly

37.6060, 15.9090, 3.5330

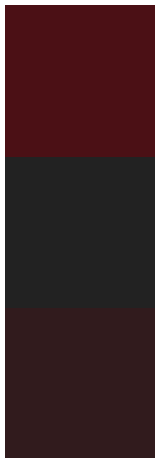
Deuteranomaly

37.1180, 20.2190, 2.5150

Tritanomaly

34.4560, 34.2470, 12.6070

Monochromacy



Original Color

34.2110, 33.5590, 14.0630

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

33.8060, 12.4700, 5.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.2110, 33.5590, 14.0630 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(75, 16, 21)` looks like.

```
.text, #text, p{  
    color:rgb(75, 16, 21)  
}
```

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(75, 16, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 16, 21) }
```

Border

The CSS property to change the border of an element to YIQ 34.2110, 33.5590, 14.0630 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(75, 16, 21) }
```


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

```
.border{ border-color:rgb(75, 16, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 16, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 16, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 16, 21);  
box-shadow:4px 4px 4px 4px rgb(75, 16, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.2110, 33.5590, 14.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 16, 21) }
```

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

```
.background{ background-color: rgb(75, 16,  
21) }
```

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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