

Converting Colors

YIQ(34.0720, 44.1960, 14.0200)

Have a look what the booklet for
YIQ(34.0720, 44.1960, 14.0200)
contains.

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Color

**YIQ(34.0720, 44.1960,
14.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	550D09
RGB	85, 13, 9
RGB Percent	33%, 5%, 4%
CMY	0.6665, 0.9491, 0.9645
CMYK	0.00, 0.85, 0.89, 0.67
HSL	3°, 81%, 18%
HSV	3°, 89%, 33%
XYZ	3.9433, 2.2402, 0.4843
YIQ	34.0720, 44.1960, 14.0200

Conversions

Conversions Part 2

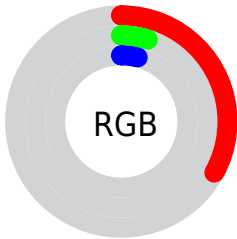
Format	Color
R_{YB}	85, 13, 9
Decimal	5573897
CIE _{Lab}	16.70, 32.14, 21.87
CIE _{LCh}	17, 38.875, 34.228
Yxy	2.2402, 0.5914, 0.3360
Android (android.graphics.Color)	4283763977 (0xFF550D09)
YUV	34.0720, -12.3605, 44.6639
Hunter-Lab	14.9673, 20.8351, 8.5586

Details

The YIQ color **34.0720, 44.1960, 14.0200** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **59.9280, -44.1960, -14.0200**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **84.8830, 49.1020, 13.2140**, and **9.6820, 18.7510, 7.0950** is the 20% darker color. If you saturate the color by 10%, you get **28.4640, 48.9640, 15.7160**, and if you desaturate by 10%, it is **39.7940, 39.1070, 12.6350**.

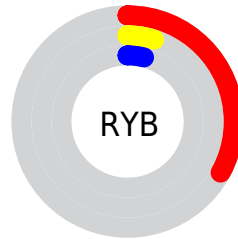
Distribution



Red (33%)

Green (5%)

Blue (4%)



Red (33%)

Yellow (5%)

Blue (4%)

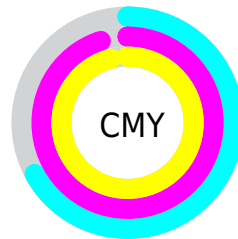


Cyan (0%)

Magenta (85%)

Yellow (89%)

Black (67%)



Cyan (67%)


Magenta (95%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 34.0720, 44.1960, 14.0200 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 34.0720, 44.1960, 14.0200 by changing the saturation by 10% instead.


 34.0720, 44.1960,
14.0200


 34.0720, 44.1960,
14.0200


 249.5570, 8.4370,
-4.2270


 17.3420, 34.5680,
12.2960


 84.8830, 49.1020,
13.2140


 9.6820, 18.7510,
7.0950

 110.2640, 52.4030,
13.9630

 0.0000, 0.0000,
0.0000

 136.9330, 54.8330,
13.9770

 163.7160, 56.9420,
14.3020

 190.9010, 57.8590,
14.2030

 209.7140, 42.0880,

8.1680

■ 229.3420, 25.4000,
2.2320

■ 34.0720, 44.1960,
14.0200

■ 34.0720, 44.1960,
14.0200

■ 28.4640, 48.9640,
15.7160

■ 39.7940, 39.1070,
12.6350

■ 27.7630, 49.5600,
15.9280

■ 45.4020, 34.3390,
10.9390

■ 51.1240, 29.2500,
9.5540

■ 56.7320, 24.4820,
7.8580

■ 62.4540, 19.3930,
6.4730

■ 68.0620, 14.6250,
4.7770

■ 73.7840, 9.5360,
3.3920

■ 79.3920, 4.7680,
1.6960

■ 85.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



30.7580, 39.9290, 30.7850



34.0720, 44.1960, 14.0200



38.8390, 34.0660, -0.6380

Triad

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



34.0720, 44.1960, 14.0200



31.6470, -18.8400, -22.0080



36.8860, -43.2370, 7.1550

Complementary

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



34.0720, 44.1960, 14.0200



59.9280, -44.1960, -14.0200

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.



39.8380, -43.2820, 2.4620



34.0720, 44.1960, 14.0200



36.2410, -29.0200, -13.7240

Square

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



34.0720, 44.1960, 14.0200



34.1560, -1.2800, -20.8640



39.3190, -37.6870, -5.3270



41.9720, -10.8240, 19.9600

Rectangle

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



34.0720, 44.1960, 14.0200



39.3490, 23.5220, -7.7900



39.3190, -37.6870, -5.3270



38.6470, -44.0620, 5.5860

Sweetspot

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



34.0720, 44.1960, 14.0200



90.1440, 17.3300, 5.3140



39.9320, 22.1840, 38.5040



43.9690, 10.4530, 3.2930



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



34.0720, 44.1960, 14.0200



36.4120, 63.9100, 20.1820



56.3780, 33.7460, -5.8540



40.1960, 2.3840, 0.8480



35.5150, 62.1220, 19.5460



77.3090, 136.7600, 43.5440

Inverse Universe

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



59.9280, -44.1960, -14.0200



73.5880, -63.9100, -20.1820



37.6220, -33.7460, 5.8540



41.8040, -2.3840, -0.8480



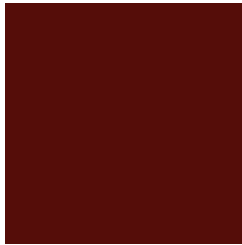
72.0720, -62.3970, -20.0690



157.1040, -136.4850, -43.0210

Previews

White Background



This preview shows how the YIQ color 34.0720, 44.1960, 14.0200 looks on a white background.

Color Contrast Check

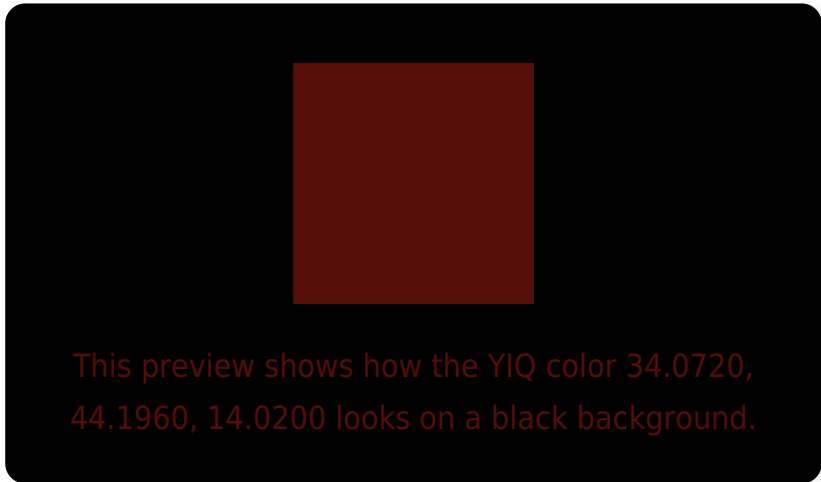
Large Text (above 18pt) WCAG AA ✓ Pass

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

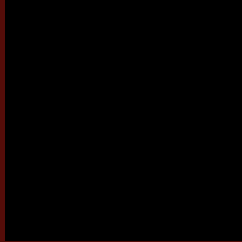
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.0720, 44.1960, 14.0200

Background



This preview shows how black text looks on a background with the YIQ color 34.0720, 44.1960, 14.0200.

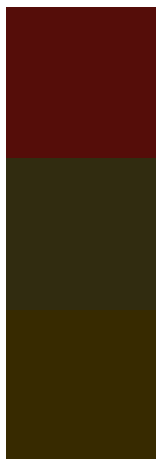


This preview shows how white text looks on a background with the YIQ color 34.0720, 44.1960,

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

34.0720, 44.1960, 14.0200

Protanopia

42.3030, 11.9680, -7.6480

Deuteranopia

41.0990, 21.2300, -10.3060



Tritanopia

34.4140, 43.2330, 14.9530

Trichromacy



Original Color

34.0720, 44.1960, 14.0200

Protanomaly

39.3910, 23.7040, -0.0720

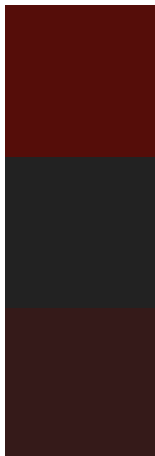
Deuteranomaly

38.2730, 29.8480, -1.2880

Tritanomaly

34.3000, 43.5540, 14.6420

Monochromacy



Original Color

34.0720, 44.1960, 14.0200

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

33.9590, 16.4130, 5.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.0720, 44.1960, 14.0200 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(85, 13, 9)` looks like.

```
.text, #text, p{  
    color:rgb(85, 13, 9)  
}
```

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(85, 13, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 13, 9) }
```

Border

The CSS property to change the border of an element to YIQ 34.0720, 44.1960, 14.0200 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(85, 13, 9) }
```


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

```
.border{ border-color:rgb(85, 13, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 13, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 13, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 13, 9); box-shadow:4px  
4px 4px 4px rgb(85, 13, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 34.0720, 44.1960, 14.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 13, 9) }
```

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

```
.background{ background-color: rgb(85, 13,  
9) }
```

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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