

Converting Colors

YIQ(50.5560, 45.7090, 14.1330)

Have a look what the booklet for
YIQ(50.5560, 45.7090, 14.1330)
contains.

YIQ(50.5560, 45.7090, 14.1330)	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(50.5560, 45.7090,
14.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	671D18
RGB	103, 29, 24
RGB Percent	40%, 11%, 9%
CMY	0.5959, 0.8864, 0.9057
CMYK	0.00, 0.72, 0.77, 0.60
HSL	4°, 62%, 25%
HSV	4°, 77%, 40%
XYZ	6.2025, 3.8295, 1.2790
YIQ	50.5560, 45.7090, 14.1330

Conversions

Conversions Part 2

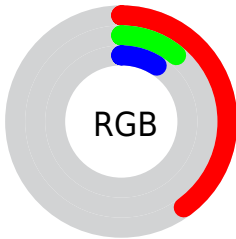
Format	Color
RYB	103, 29, 24
Decimal	6757656
CIELab	23.10, 32.77, 21.95
CIELCh	23, 39.441, 33.815
Yxy	3.8295, 0.5484, 0.3386
Android (android.graphics.Color)	4284947736 (0xFF671D18)
YUV	50.5560, -13.0921, 45.9934
Hunter-Lab	19.5692, 22.3304, 9.8234

Details

The YIQ color **50.5560, 45.7090, 14.1330** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **76.4440, -45.7090, -14.1330**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.9650, 51.8070, 13.7510**, and **14.9500, 29.8000, 10.6000** is the 20% darker color. If you saturate the color by 10%, you get **43.5460, 51.6690, 16.2530**, and if you desaturate by 10%, it is **57.5660, 39.7490, 12.0130**.

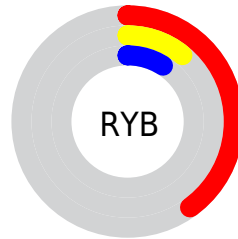
Distribution



Red (40%)

Green (11%)

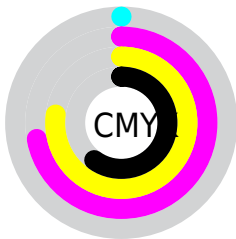
Blue (9%)



Red (40%)

Yellow (11%)

Blue (9%)

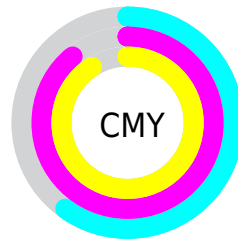


Cyan (0%)

Magenta (72%)

Yellow (77%)

Black (60%)



Cyan (60%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.5560, 45.7090, 14.1330 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 50.5560, 45.7090, 14.1330 by changing the saturation by 10% instead.

■ 50.5560, 45.7090,
14.1330

■ 50.5560, 45.7090,
14.1330

■ 254.5440, 1.2840,
-1.2440

■ 23.8980, 44.7460,
15.0660

■ 100.9650, 51.8070,
13.7510

■ 14.9500, 29.8000,
10.6000

■ 127.0470, 54.5120,
14.2880

■ 2.3920, 4.7680,
1.6960

■ 153.7160, 56.9420,
14.3020

■ 0.0000, 0.0000,
0.0000

■ 180.9120, 59.3260,
15.1500

■ 202.8180, 47.7270,
10.5990

■ 222.3320, 31.3600,

4.3520

■ 241.9600, 14.6720,
-1.5840

■ 50.5560, 45.7090,
14.1330

■ 50.5560, 45.7090,
14.1330

■ 43.5460, 51.6690,
16.2530

■ 57.5660, 39.7490,
12.0130

■ 37.0090, 57.6750,
17.5390

■ 64.1030, 33.7430,
10.7270

■ 34.3190, 59.7380,
18.6980

■ 71.1130, 27.7830,
8.6070

■ 78.1230, 21.8230,
6.4870

■ 84.6600, 15.8170,
5.2010

■ 91.6700, 9.8570,
3.0810

■ 98.6800, 3.8970,
0.9610

■ 105.1030, -1.7880,
-0.6360

■ 112.2270, -8.0690,
-2.4450

Harmonies

Analogous

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



49.4760, 40.6630, 28.4950



50.5560, 45.7090, 14.1330



51.5530, 40.6230, -3.8330

Triad

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



50.5560, 45.7090, 14.1330



41.8200, -26.8170, -26.1210



47.0420, -52.5440, 5.1200

Complementary

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



50.5560, 45.7090, 14.1330



76.4440, -45.7090, -14.1330

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.



50.4670, -52.5430, -0.4070



50.5560, 45.7090, 14.1330



46.5280, -37.3180, -17.5260

Square

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



50.5560, 45.7090, 14.1330



46.5600, 3.2140, -25.2180



49.8340, -46.6270, -8.5070



55.9120, -10.5950, 21.3170

Rectangle

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



50.5560, 45.7090, 14.1330



52.6500, 29.8040, -11.5080



49.8340, -46.6270, -8.5070



48.8030, -53.3690, 3.5510

Sweetspot

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



50.5560, 45.7090, 14.1330



114.4430, 17.9260, 5.5260



56.1710, 23.0090, 40.0730



56.2680, 11.0490, 3.5050



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



50.5560, 45.7090, 14.1330



52.7720, 71.7040, 22.1040



72.8620, 35.2590, -5.7410



47.4950, 2.9800, 1.0600



38.4940, 66.6150, 20.7190



81.1630, 140.1070, 43.4590

Inverse Universe

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



76.4440, -45.7090, -14.1330



93.2280, -71.7040, -22.1040



54.1380, -35.2590, 5.7410



49.5050, -2.9800, -1.0600



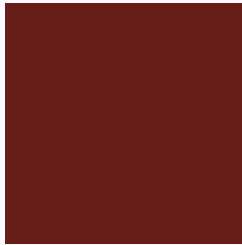
76.5060, -66.6150, -20.7190



160.8370, -140.1070, -43.4590

Previews

White Background



This preview shows how the YIQ color 50.5560, 45.7090, 14.1330 looks on a white background.

Color Contrast Check

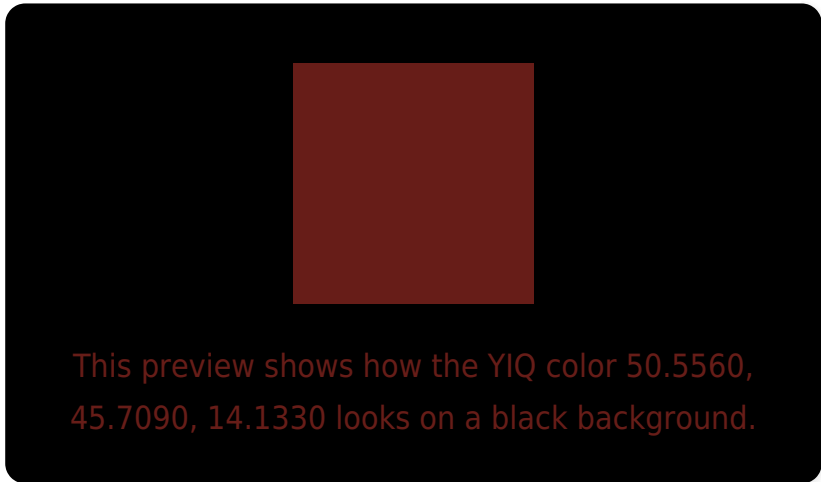
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5560, 45.7090, 14.1330

Background



This preview shows how black text looks on a background with the YIQ color 50.5560, 45.7090, 14.1330.

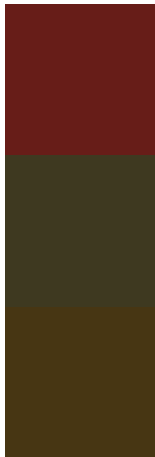


This preview shows how white text looks on a background with the YIQ color 50.5560, 45.7090,

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

50.5560, 45.7090, 14.1330

Protanopia

55.6450, 11.0050, -6.7150

Deuteranopia

55.0930, 21.3670, -7.2810



Tritanopia

50.5390, 44.3790, 16.2110

Trichromacy



Original Color

50.5560, 45.7090, 14.1330

Protanomaly

53.9180, 23.6580, 0.7620

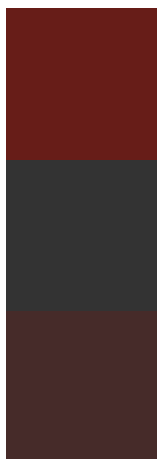
Deuteranomaly

53.6260, 30.3520, 0.5920

Tritanomaly

50.3110, 45.0210, 15.5890

Monochromacy



Original Color

50.5560, 45.7090, 14.1330

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.8450, 16.7340, 5.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.5560, 45.7090, 14.1330 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(103, 29, 24)` looks like.

```
.text, #text, p{  
    color:rgb(103, 29, 24)  
}
```

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(103, 29, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 29, 24) }
```

Border

The CSS property to change the border of an element to YIQ 50.5560, 45.7090, 14.1330 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(103, 29, 24) }
```


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

```
.border{ border-color:rgb(103, 29, 24) }
```

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

Here you see how a box with a 4 pixel rgb(103, 29, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 29, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 29, 24);  
box-shadow:4px 4px 4px 4px rgb(103, 29,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 50.5560, 45.7090, 14.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 29, 24) }
```

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

```
.background{ background-color: rgb(103, 29,  
24) }
```

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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