

Converting Colors

YIQ(65.8700, 14.4450, -13.9950)

Have a look what the booklet for
YIQ(65.8700, 14.4450, -13.9950)
contains.

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Color

**YIQ(65.8700, 14.4450,
-13.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	47471A
RGB	71, 71, 26
RGB Percent	28%, 28%, 10%
CMY	0.7216, 0.7216, 0.8979
CMYK	0.00, 0.00, 0.63, 0.72
HSL	60°, 46%, 19%
HSV	60°, 63%, 28%
XYZ	5.0380, 5.9205, 1.8559
YIQ	65.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

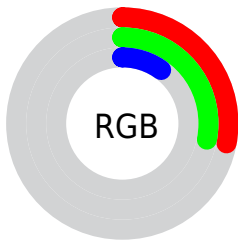
Format	Color
R_{YB}	26, 71, 26
Decimal	4671258
CIE Lab	29.21, -7.05, 26.48
CIE LCh	29, 27.403, 104.918
Yxy	5.9205, 0.3932, 0.4620
Android (android.graphics.Color)	4282861338 (0xFF47471A)
YUV	65.8700, -19.6559, 4.4990
Hunter-Lab	24.3320, -5.6225, 12.5101

Details

The YIQ color **65.8700, 14.4450, -13.9950** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **31.1300, -14.4450, 13.9950**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.1260, 16.6000, -14.5040**, and **24.2100, 7.7960, -9.1320** is the 20% darker color. If you saturate the color by 10%, you get **65.0720, 16.6920, -16.1720**, and if you desaturate by 10%, it is **66.6680, 12.1980, -11.8180**.

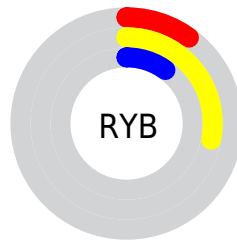
Distribution



Red (28%)

Green (28%)

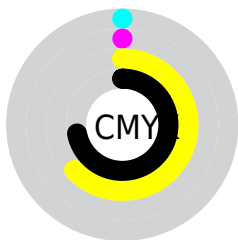
Blue (10%)



Red (10%)

Yellow (28%)

Blue (10%)

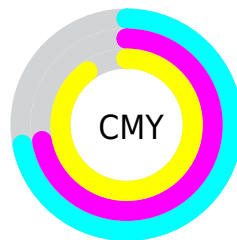


Cyan (0%)

Magenta (0%)

Yellow (63%)

Black (72%)



Cyan (72%)

Magenta (72%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.8700, 14.4450, -13.9950 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 65.8700, 14.4450, -13.9950 by changing the saturation by 10% instead.

65.8700, 14.4450,
-13.9950

65.8700, 14.4450,
-13.9950

255.0000, -0.0000,
-0.0000

43.3430, 14.4910,
-14.8290

114.1260, 16.6000,
-14.5040

24.2100, 7.7960,
-9.1320

140.0120, 16.9210,
-14.8150

0.0000, 0.0000,
0.0000

166.1970, 17.8380,
-14.9140

193.9690, 18.4800,
-15.5360

221.7410, 19.1220,
-16.1580

248.8440, 17.3340,

-16.7940

■ 252.0360, 8.3460,
-8.0860

■ 65.8700, 14.4450,
-13.9950

■ 65.8700, 14.4450,
-13.9950

■ 65.0720, 16.6920,
-16.1720

■ 66.6680, 12.1980,
-11.8180

■ 64.2740, 18.9390,
-18.3490

■ 67.4660, 9.9510,
-9.6410

■ 63.4760, 21.1860,
-20.5260

■ 68.2640, 7.7040,
-7.4640

■ 62.9060, 22.7910,
-22.0810

■ 69.0620, 5.4570,
-5.2870

■ 69.9740, 2.8890,
-2.7990

■ 70.7720, 0.6420,
-0.6220

■ 71.5700, -1.6050,
1.5550

■ 72.3680, -3.8520,
3.7320

■ 73.1660, -6.0990,
5.9090

Harmonies

Analogous

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



67.5560, 27.3730, -5.9950



65.8700, 14.4450, -13.9950



62.9970, -5.0860, -17.9660

Triad

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



65.8700, 14.4450, -13.9950



56.9580, -52.9080, -10.3160



70.4410, 21.4080, 19.5200

Complementary

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



65.8700, 14.4450, -13.9950



31.1300, -14.4450, 13.9950

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.



71.0350, 2.0600, 17.7400



65.8700, 14.4450, -13.9950



55.9780, -55.6600, -4.4920

Square

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



65.8700, 14.4450, -13.9950



55.9660, -47.3590, -17.2710



67.4170, -22.7430, 10.1930



69.2540, 32.0000, 14.7840

Rectangle

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



65.8700, 14.4450, -13.9950



59.2600, -22.0040, -19.7320



67.4170, -22.7430, 10.1930



70.9180, 15.6310, 19.5910

Sweetspot

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



65.8700, 14.4450, -13.9950



89.9480, 5.7780, -5.5980



39.4550, 26.8200, 9.5400



44.7460, 3.5310, -3.4210



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



65.8700, 14.4450, -13.9950



84.0200, 22.4700, -21.7700



59.2920, 1.3330, -18.6590



35.5440, 1.2840, -1.2440



87.7140, 31.7790, -30.7890



201.1220, 72.8670, -70.5970

Inverse Universe

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



31.1300, -14.4450, 13.9950



29.9800, -22.4700, 21.7700



38.0070, -0.7370, 18.8710



32.4560, -1.2840, 1.2440



11.2860, -31.7790, 30.7890



25.8780, -72.8670, 70.5970

Previews

White Background



This preview shows how the YIQ color 65.8700, 14.4450, -13.9950 looks on a white background.

Color Contrast Check

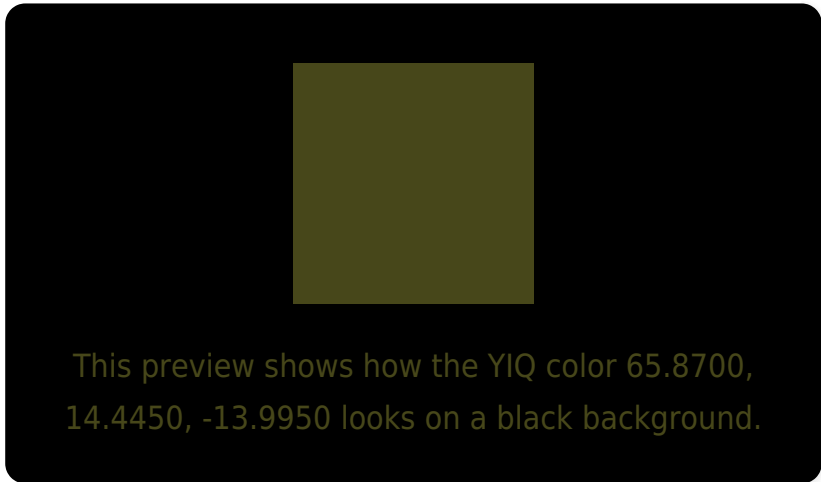
Large Text (above 18pt) WCAG AA ✓ Pass

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

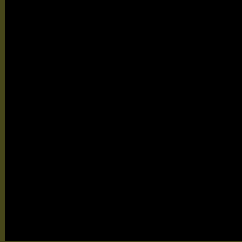
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.8700, 14.4450, -13.9950

Background



This preview shows how black text looks on a background with the YIQ color 65.8700, 14.4450, -13.9950.



This preview shows how white text looks on a background with the YIQ color 65.8700, 14.4450,

-13.9950.

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

65.8700, 14.4450, -13.9950

Protanopia

66.3760, 18.8920, -11.9880

Deuteranopia

67.0610, 24.3930, -7.0550



Tritanopia

69.3750, 3.4380, 3.7740

Trichromacy



Original Color

65.8700, 14.4450, -13.9950

Protanomaly

66.3650, 17.4250, -12.9350

Deuteranomaly

66.6260, 21.1840, -9.4720

Tritanomaly

68.3120, 7.7490, -2.7710

Monochromacy



Original Color

65.8700, 14.4450, -13.9950

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.0620, 5.4570, -5.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.8700, 14.4450, -13.9950 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(71, 71, 26)` looks like.

```
.text, #text, p{  
    color:rgb(71, 71, 26)  
}
```

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(71, 71, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 71, 26) }
```

Border

The CSS property to change the border of an element to YIQ 65.8700, 14.4450, -13.9950 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(71, 71, 26) }
```


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

```
.border{ border-color:rgb(71, 71, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 71, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 71, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 71, 26);  
box-shadow:4px 4px 4px 4px rgb(71, 71, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.8700, 14.4450, -13.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 71, 26) }
```

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

```
.background{ background-color: rgb(71, 71,  
26) }
```

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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