

Converting Colors

YIQ(36.6700, 45.3880, 14.4440)

Have a look what the booklet for
YIQ(36.6700, 45.3880, 14.4440)
contains.

YIQ(36.6700, 45.3880, 14.4440)	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(36.6700, 45.3880,
14.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	590F0B
RGB	89, 15, 11
RGB Percent	35%, 6%, 4%
CMY	0.6508, 0.9413, 0.9567
CMYK	0.00, 0.83, 0.88, 0.65
HSL	3°, 78%, 20%
HSV	3°, 88%, 35%
XYZ	4.3551, 2.4911, 0.5693
YIQ	36.6700, 45.3880, 14.4440

Conversions

Conversions Part 2

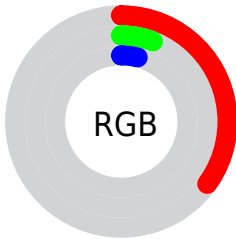
Format	Color
R_YB	89, 15, 11
Decimal	5836555
CIE Lab	17.88, 32.89, 22.68
CIE LCh	18, 39.955, 34.588
Yxy	2.4911, 0.5873, 0.3359
Android (android.graphics.Color)	4284026635 (0xFF590F0B)
YUV	36.6700, -12.6553, 45.8934
Hunter-Lab	15.7831, 21.6340, 8.9096

Details

The YIQ color **36.6700, 45.3880, 14.4440** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **63.3300, -45.3880, -14.4440**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6660, 51.2110, 13.5390**, and **11.1770, 21.7310, 8.1550** is the 20% darker color. If you saturate the color by 10%, you get **30.9480, 50.4770, 15.8290**, and if you desaturate by 10%, it is **42.3920, 40.2990, 13.0590**.

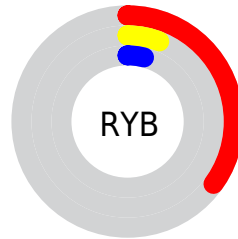
Distribution



Red (35%)

Green (6%)

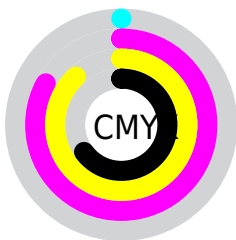
Blue (4%)



Red (35%)

Yellow (6%)

Blue (4%)

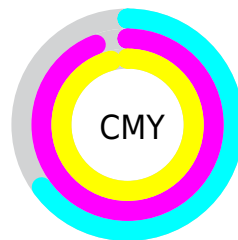


Cyan (0%)

Magenta (83%)

Yellow (88%)

Black (65%)



Cyan (65%)


Magenta (94%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 36.6700, 45.3880, 14.4440 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 36.6700, 45.3880, 14.4440 by changing the saturation by 10% instead.


 36.6700, 45.3880,
14.4440


 36.6700, 45.3880,
14.4440


 251.5460, 6.9700,
-5.1740


 18.5380, 36.9520,
13.1440


 87.6660, 51.2110,
13.5390


 11.1770, 21.7310,
8.1550

 113.3350, 53.6410,
13.5530

 0.0000, 0.0000,
0.0000


 139.4170, 56.3460,
14.0900


 166.4990, 59.0510,
14.6270


 192.1890, 56.9880,
13.4680


 211.7030, 40.6210,


7.2210


 231.3310, 23.9330,
1.2850


 36.6700, 45.3880,
14.4440


 36.6700, 45.3880,
14.4440


 30.9480, 50.4770,
15.8290


 42.3920, 40.2990,
13.0590

 28.9590, 51.9440,
16.7760

 48.7010, 34.9350,
11.1510

 54.4230, 29.8460,
9.7660

 60.7320, 24.4820,
7.8580

 66.4540, 19.3930,
6.4730

■ 72.6490, 14.3500,
4.2540

■ 78.3710, 9.2610,
2.8690

■ 84.6800, 3.8970,
0.9610

■ 90.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



33.0680, 41.9920, 31.9440



36.6700, 45.3880, 14.4440



40.9100, 35.3040, -1.0480

Triad

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



36.6700, 45.3880, 14.4440



33.6360, -20.3070, -22.9550



38.6300, -45.3920, 7.6640

Complementary

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



36.6700, 45.3880, 14.4440



63.3300, -45.3880, -14.4440

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.



42.0550, -45.3910, 2.1370



36.6700, 45.3880, 14.4440



38.3440, -30.8080, -14.3600

Square

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



36.6700, 45.3880, 14.4440



36.5150, -0.9130, -22.0090



41.5360, -39.7960, -5.6520



44.4990, -10.8700, 20.7940

Rectangle

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



36.6700, 45.3880, 14.4440



42.0070, 24.4850, -8.7230



41.5360, -39.7960, -5.6520



40.3910, -46.2170, 6.0950

Sweetspot

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



36.6700, 45.3880, 14.4440



94.5570, 17.6050, 5.8370



42.7580, 22.7340, 39.5500



46.2680, 11.0490, 3.5050



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



36.6700, 45.3880, 14.4440



37.9070, 66.8900, 21.2420



59.5630, 34.6630, -5.9530



40.1960, 2.3840, 0.8480



34.9280, 62.3970, 20.0690



77.3090, 136.7600, 43.5440

Inverse Universe

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



63.3300, -45.3880, -14.4440



77.0930, -66.8900, -21.2420



40.4370, -34.6630, 5.9530



41.8040, -2.3840, -0.8480



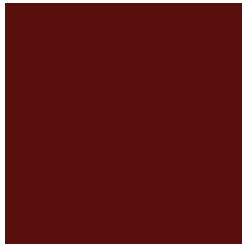
72.0720, -62.3970, -20.0690



157.6910, -136.7600, -43.5440

Previews

White Background



This preview shows how the YIQ color 36.6700, 45.3880, 14.4440 looks on a white background.

Color Contrast Check

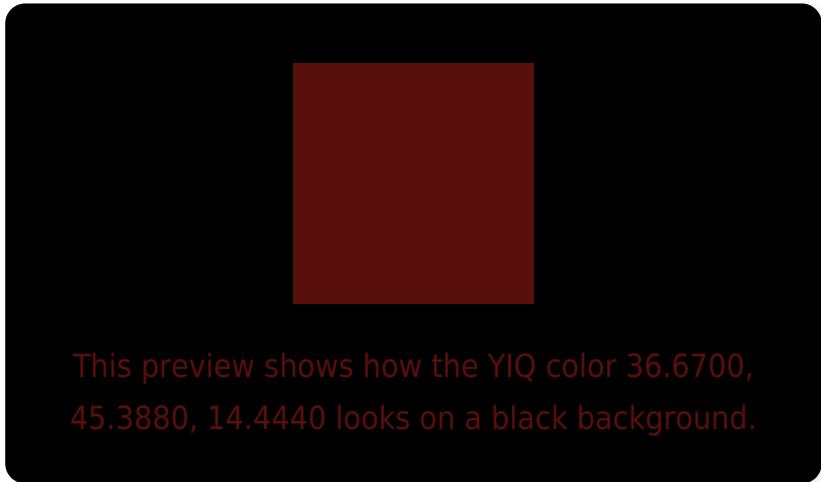
Large Text (above 18pt) WCAG AA ✓ Pass

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

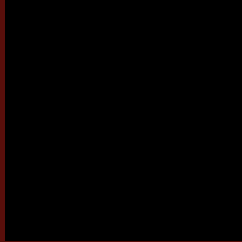
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.6700, 45.3880, 14.4440

Background



This preview shows how black text looks on a background with the YIQ color 36.6700, 45.3880, 14.4440.

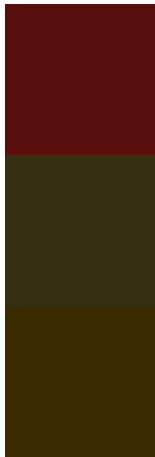


This preview shows how white text looks on a background with the YIQ color 36.6700, 45.3880,

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

36.6700, 45.3880, 14.4440

Protanopia

44.6020, 12.5640, -7.4360

Deuteranopia

43.1700, 22.4680, -10.7160



Tritanopia

37.0120, 44.4250, 15.3770

Trichromacy



Original Color

36.6700, 45.3880, 14.4440

Protanomaly

41.6900, 24.3000, 0.1400

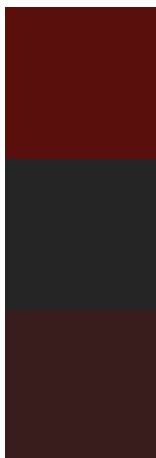
Deuteranomaly

40.4580, 30.7650, -1.3870

Tritanomaly

36.8980, 44.7460, 15.0660

Monochromacy



Original Color

36.6700, 45.3880, 14.4440

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.9590, 16.4130, 5.4130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.6700, 45.3880, 14.4440 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(89, 15, 11)` looks like.

```
.text, #text, p{  
    color:rgb(89, 15, 11)  
}
```

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(89, 15, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 15, 11) }
```

Border

The CSS property to change the border of an element to YIQ 36.6700, 45.3880, 14.4440 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(89, 15, 11) }
```


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

```
.border{ border-color:rgb(89, 15, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 15, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 15, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 15, 11);  
box-shadow:4px 4px 4px 4px rgb(89, 15, 11)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.6700, 45.3880, 14.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 15, 11) }
```

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

```
.background{ background-color: rgb(89, 15,  
11) }
```

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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