

Converting Colors

YIQ(28.5600, 39.8860, 15.0380)

Have a look what the booklet for
YIQ(28.5600, 39.8860, 15.0380)
contains.

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Color

**YIQ(28.5600, 39.8860,
15.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	4C080A
RGB	76, 8, 10
RGB Percent	30%, 3%, 4%
CMY	0.7018, 0.9687, 0.9606
CMYK	0.00, 0.90, 0.87, 0.70
HSL	358°, 81%, 16%
HSV	358°, 90%, 30%
XYZ	3.1253, 1.7333, 0.4581
YIQ	28.5600, 39.8860, 15.0380

Conversions

Conversions Part 2

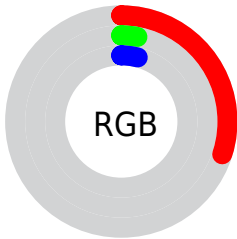
Format	Color
RYB	76, 8, 10
Decimal	4982794
CIELab	14.02, 30.79, 17.62
CIELCh	14, 35.473, 29.782
Yxy	1.7333, 0.5878, 0.3260
Android (android.graphics.Color)	4283172874 (0xFF4C080A)
YUV	28.5600, -9.1501, 41.6049
Hunter-Lab	13.1653, 19.3350, 7.1525

Details

The YIQ color **28.5600, 39.8860, 15.0380** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **55.4400, -39.8860, -15.0380**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0720, 44.1960, 14.0200**, and **3.8870, 7.7480, 2.7560** is the 20% darker color. If you saturate the color by 10%, you get **23.0660, 44.3330, 17.0450**, and if you desaturate by 10%, it is **34.0540, 35.4390, 13.0310**.

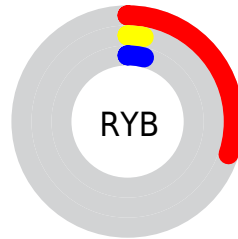
Distribution



Red (30%)

Green (3%)

Blue (4%)



Red (30%)

Yellow (3%)

Blue (4%)

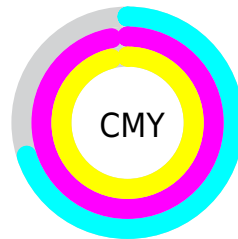


Cyan (0%)

Magenta (90%)

Yellow (87%)

Black (70%)



Cyan (70%)

Magenta (97%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.5600, 39.8860, 15.0380 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 28.5600, 39.8860, 15.0380 by changing the saturation by 10% instead.

■ 28.5600, 39.8860,
15.0380

■ 28.5600, 39.8860,
15.0380

■ 246.1490, 9.7660,
-0.7780

■ 15.2490, 30.3960,
10.8120

■ 79.0720, 44.1960,
14.0200

■ 3.8870, 7.7480,
2.7560

■ 104.0400, 47.2220,
14.2460

■ 0.0000, 0.0000,
0.0000


■ 130.1220, 49.9270,
14.7830


■ 156.9050, 52.0360,
15.1080


■ 184.3890, 53.5490,
15.2210


■ 206.3060, 43.4170,


11.6170


 225.8200, 27.0500,
5.3700


 28.5600, 39.8860,
15.0380


 28.5600, 39.8860,
15.0380


 23.0660, 44.3330,
17.0450


 34.0540, 35.4390,
13.0310

 22.9520, 44.6540,
16.7340

 39.0750, 30.9460,
11.8580

 44.5690, 26.4990,
9.8510

 49.5900, 22.0060,
8.6780

 55.0840, 17.5590,
6.6710

■ 60.5780, 13.1120,
4.6640

■ 65.5990, 8.6190,
3.4910

■ 71.0930, 4.1720,
1.4840

■ 76.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



27.8280, 33.7400, 27.3080



28.5600, 39.8860, 15.0380



33.2240, 31.5440, 1.0160

Triad

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



28.5600, 39.8860, 15.0380



26.3980, -13.7050, -21.4570



32.6970, -38.3310, 6.3490

Complementary

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



28.5600, 39.8860, 15.0380



55.4400, -39.8860, -15.0380

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.



34.8340, -37.4590, 1.5570



28.5600, 39.8860, 15.0380



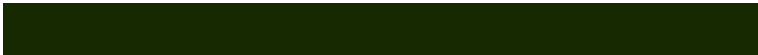
30.9920, -23.8850, -13.1730

Square

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



28.5600, 39.8860, 15.0380



30.6450, 1.8370, -16.7790



33.8420, -31.9100, -5.3980



35.2980, -14.8580, 15.9740

Rectangle

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



28.5600, 39.8860, 15.0380



34.3320, 22.1920, -5.7120



33.8420, -31.9100, -5.3980



33.7570, -38.5600, 4.9920

Sweetspot

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



28.5600, 39.8860, 15.0380



80.7740, 15.4960, 5.5120



35.4860, 17.5080, 35.1400



39.7840, 9.5360, 3.3920



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



28.5600, 39.8860, 15.0380



29.9430, 58.0410, 21.9210



47.1160, 31.7280, -2.3200



35.3100, 2.0630, 1.1590



30.8400, 59.8290, 22.5570



69.5680, 134.8330, 50.9370

Inverse Universe

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



28.5600, 39.8860, 15.0380



29.9430, 58.0410, 21.9210



36.8840, -31.7280, 2.3200



35.3100, 2.0630, 1.1590



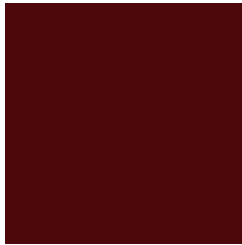
30.8400, 59.8290, 22.5570



69.5680, 134.8330, 50.9370

Previews

White Background



This preview shows how the YIQ color 28.5600, 39.8860, 15.0380 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

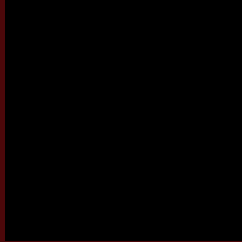
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.5600, 39.8860, 15.0380

Background



This preview shows how black text looks on a background with the YIQ color 28.5600, 39.8860, 15.0380.

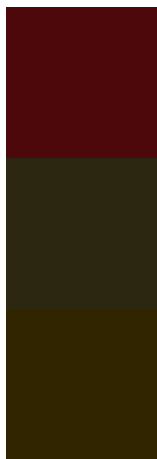


This preview shows how white text looks on a background with the YIQ color 28.5600, 39.8860,

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

28.5600, 39.8860, 15.0380

Protanopia

37.6880, 9.4460, -5.9940

Deuteranopia

36.3700, 19.0290, -8.9630



Tritanopia

28.6910, 40.8950, 13.2710

Trichromacy



Original Color

28.5600, 39.8860, 15.0380

Protanomaly

34.4770, 20.5860, 1.3700

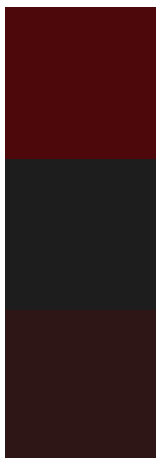
Deuteranomaly

33.3590, 26.7300, 0.1540

Tritanomaly

28.8050, 40.5740, 13.5820

Monochromacy



Original Color

28.5600, 39.8860, 15.0380

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.5890, 14.5790, 5.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.5600, 39.8860, 15.0380 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(76, 8, 10)` looks like.

```
.text, #text, p{  
    color:rgb(76, 8, 10)  
}
```

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(76, 8, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 8, 10) }
```

Border

The CSS property to change the border of an element to YIQ 28.5600, 39.8860, 15.0380 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(76, 8, 10) }
```


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

```
.border{ border-color:rgb(76, 8, 10) }
```

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

Here you see how a box with a 4 pixel rgb(76, 8, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 8, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 8, 10); box-shadow:4px  
4px 4px 4px rgb(76, 8, 10) }
```

Background

The CSS property to change the background color of an element to YIQ 28.5600, 39.8860, 15.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 8, 10) }
```

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

```
.background{ background-color: rgb(76, 8,  
10) }
```

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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