

Converting Colors

YIQ(28.5810, 26.2250, 3.8010)

Have a look what the booklet for
YIQ(28.5810, 26.2250, 3.8010)
contains.

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Color

**YIQ(28.5810, 26.2250,
3.8010)**

Conversions

Conversions Part 1

Format	Color
Hex	381306
RGB	56, 19, 6
RGB Percent	22%, 7%, 2%
CMY	0.7803, 0.9255, 0.9764
CMYK	0.00, 0.66, 0.89, 0.78
HSL	16°, 81%, 12%
HSV	16°, 89%, 22%
XYZ	1.8977, 1.3198, 0.3279
YIQ	28.5810, 26.2250, 3.8010

Conversions

Conversions Part 2

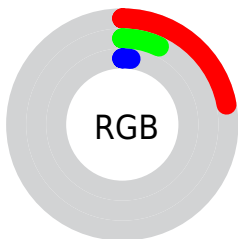
Format	Color
R_{YB}	56, 24, 6
Decimal	3674886
CIE _{Lab}	11.41, 17.48, 14.99
CIE _{LCh}	11, 23.028, 40.606
Yxy	1.3198, 0.5353, 0.3723
Android (android.graphics.Color)	4281864966 (0xFF381306)
YUV	28.5810, -11.1324, 24.0465
Hunter-Lab	11.4881, 9.3813, 6.3496

Details


The YIQ color **28.5810, 26.2250, 3.8010** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **33.4190, -26.2250, -3.8010**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **74.4890, 29.4800, 5.3840**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.5490, 29.2510, 4.0270**, and if you desaturate by 10%, it is **31.6130, 23.1990, 3.5750**.

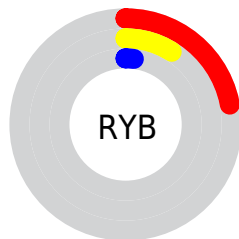
Distribution



 Red (22%)

 Green (7%)

 Blue (2%)




 Red (22%)

 Yellow (9%)

 Blue (2%)

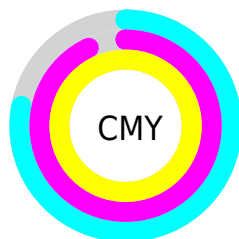


 Cyan (0%)


 Magenta (66%)

 Yellow (89%)

 Black (78%)



 Cyan (78%)

 Magenta (93%)

 Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.5810, 26.2250, 3.8010 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 28.5810, 26.2250, 3.8010 by changing the saturation by 10% instead.

■ 28.5810, 26.2250,
3.8010

■ 28.5810, 26.2250,
3.8010

■ 246.9810, 10.1790,
-2.7570

■ 10.1660, 20.2640,
7.2080

■ 74.4890, 29.4800,
5.3840

■ 0.0000, 0.0000,
0.0000

■ 98.3860, 31.2680,
6.0200


■ 123.8700, 32.7810,
6.1330


■ 149.7670, 34.5690,
6.7690


■ 176.9520, 35.4860,
6.6700


■ 204.4360, 36.9990,


6.7830


 227.3530, 26.8670,
3.1790


 28.5810, 26.2250,
3.8010


 28.5810, 26.2250,
3.8010


 25.5490, 29.2510,
4.0270

 31.6130, 23.1990,
3.5750

 34.5310, 20.4940,
3.0380

 37.5630, 17.4680,
2.8120

 41.0680, 14.4880,
1.7520

 44.1000, 11.4620,
1.5260

■ 47.1320, 8.4360,
1.3000

■ 50.0500, 5.7310,
0.7630

■ 53.0820, 2.7050,
0.5370

■ 56.0000, -0.0000,
0.0000

Harmonies

Analogous

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



29.2960, 23.0140, 12.4380



28.5810, 26.2250, 3.8010



29.3150, 20.8620, -3.6340

Triad

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



28.5810, 26.2250, 3.8010



23.8850, -16.2740, -13.4420



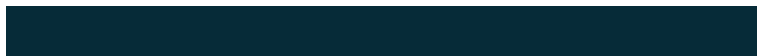
26.3580, -24.2550, 4.5530

Complementary

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



28.5810, 26.2250, 3.8010



33.4190, -26.2250, -3.8010

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.



27.3850, -28.8850, 0.3550



28.5810, 26.2250, 3.8010



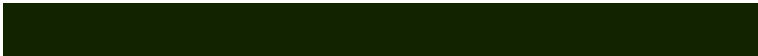
26.4100, -22.0060, -8.6780

Square

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



28.5810, 26.2250, 3.8010



25.9270, 1.1030, -14.4890



27.4190, -26.2250, -3.8010



31.6060, -1.2860, 12.2980

Rectangle

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



28.5810, 26.2250, 3.8010



29.2710, 14.9940, -7.4220



27.4190, -26.2250, -3.8010



25.8520, -28.7020, 2.5460

Sweetspot

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



28.5810, 26.2250, 3.8010



62.9150, 10.5450, 1.6250



25.2820, 17.6020, 22.4180



31.3490, 6.3270, 0.9750



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



28.5810, 26.2250, 3.8010



33.2790, 38.8790, 5.7510



43.2560, 19.3500, -9.2740



26.4840, 1.5130, 0.1130



41.5960, 48.2320, 6.9520



98.9400, 114.8490, 16.6170

Inverse Universe

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



33.4190, -26.2250, -3.8010



40.7210, -38.8790, -5.7510



19.3310, -19.6250, 8.7510



26.5160, -1.5130, -0.1130



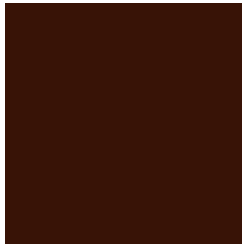
50.4040, -48.2320, -6.9520



120.0600, -114.8490, -16.6170

Previews

White Background



This preview shows how the YIQ color 28.5810, 26.2250, 3.8010 looks on a white background.

Color Contrast Check

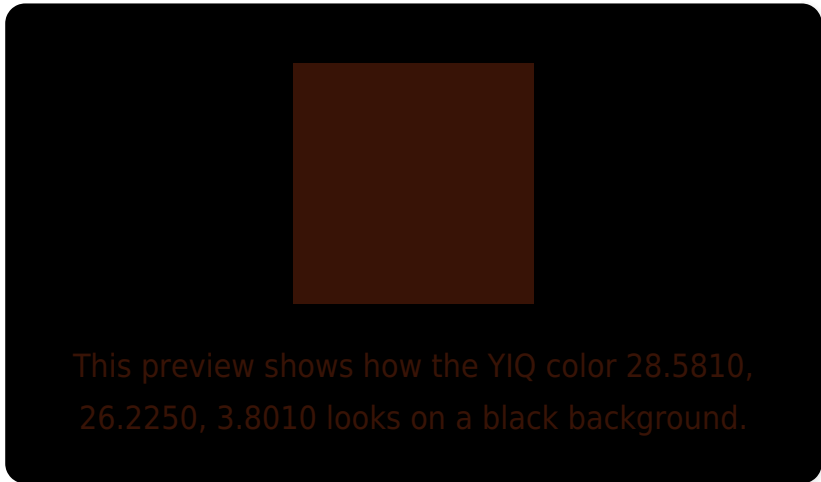
Large Text (above 18pt) WCAG AA ✓ Pass

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

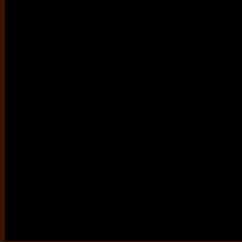
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.5810, 26.2250, 3.8010

Background



This preview shows how black text looks on a background with the YIQ color 28.5810, 26.2250, 3.8010.

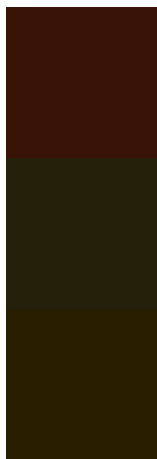


This preview shows how white text looks on a background with the YIQ color 28.5810, 26.2250,

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

28.5810, 26.2250, 3.8010

Protanopia

30.5740, 9.7670, -6.3050

Deuteranopia

29.5700, 15.5900, -7.2100



Tritanopia

29.4760, 22.3270, 8.3670

Trichromacy



Original Color

28.5810, 26.2250, 3.8010

Protanomaly

29.6180, 15.6350, -2.5170

Deuteranomaly

29.2440, 19.6240, -3.2240

Tritanomaly

28.9060, 23.9320, 6.8120

Monochromacy



Original Color

28.5810, 26.2250, 3.8010

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.5810, 26.2250, 3.8010 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(56, 19, 6)` looks like.

```
.text, #text, p{  
    color:rgb(56, 19, 6)  
}
```

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(56, 19, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 19, 6) }
```

Border

The CSS property to change the border of an element to YIQ 28.5810, 26.2250, 3.8010 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(56, 19, 6) }
```


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

```
.border{ border-color:rgb(56, 19, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 19, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 19, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 19, 6); box-shadow:4px  
4px 4px 4px rgb(56, 19, 6) }
```

Background

The CSS property to change the background color of an element to YIQ 28.5810, 26.2250, 3.8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 19, 6) }
```

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

```
.background{ background-color: rgb(56, 19,  
6) }
```

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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