

Converting Colors

YIQ(26.2810, 36.5380, 20.6500)

Have a look what the booklet for
YIQ(26.2810, 36.5380, 20.6500)
contains.

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Color

**YIQ(26.2810, 36.5380,
20.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0315
RGB	74, 3, 21
RGB Percent	29%, 1%, 8%
CMY	0.7096, 0.9883, 0.9175
CMYK	0.00, 0.96, 0.72, 0.71
HSL	345°, 92%, 15%
HSV	345°, 96%, 29%
XYZ	2.9955, 1.5764, 0.8575
YIQ	26.2810, 36.5380, 20.6500

Conversions

Conversions Part 2

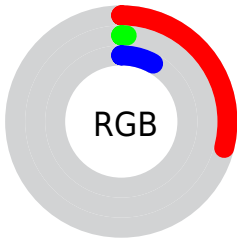
Format	Color
R_{YB}	74, 3, 21
Decimal	4850453
CIE Lab	13.09, 32.57, 10.30
CIE LCh	13, 34.155, 17.546
Yxy	1.5764, 0.5517, 0.2903
Android (android.graphics.Color)	4283040533 (0xFF4A0315)
YUV	26.2810, -2.6035, 41.8496
Hunter-Lab	12.5555, 20.6141, 4.7396

Details


The YIQ color **26.2810, 36.5380, 20.6500** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **50.7190, -36.5380, -20.6500**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **77.1520, 41.2150, 18.4870**, and **2.0930, 4.1720, 1.4840** is the 20% darker color. If you saturate the color by 10%, you get **24.2920, 38.0050, 21.5970**, and if you desaturate by 10%, it is **31.0740, 32.6870, 18.8550**.

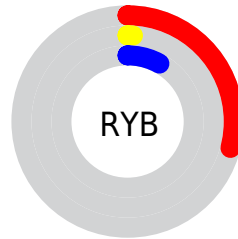
Distribution



 Red (29%)

 Green (1%)

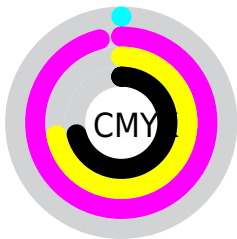
 Blue (8%)



 Red (29%)

 Yellow (1%)

 Blue (8%)

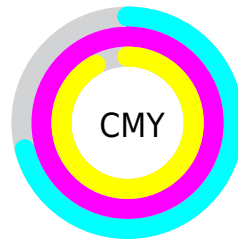


 Cyan (0%)


 Magenta (96%)

 Yellow (72%)

 Black (71%)



 Cyan (71%)

 Magenta (99%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.2810, 36.5380, 20.6500 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 26.2810, 36.5380, 20.6500 by changing the saturation by 10% instead.

■ 26.2810, 36.5380,
20.6500

■ 26.2810, 36.5380,
20.6500

■ 245.0550, 7.3350,
4.7350

■ 14.9500, 29.8000,
10.6000

■ 77.1520, 41.2150,
18.4870

■ 2.0930, 4.1720,
1.4840

■ 102.5220, 43.0490,
18.2890

■ 0.0000, 0.0000,
0.0000


■ 128.4190, 44.8370,
18.9250


■ 155.2020, 46.9460,
19.2500


■ 182.3980, 49.3300,
20.0980


■ 205.7990, 40.7110,


16.6070


 225.4270, 24.0230,
10.6710


 26.2810, 36.5380,
20.6500


 26.2810, 36.5380,
20.6500


 24.2920, 38.0050,
21.5970

 31.0740, 32.6870,
18.8550

 36.3400, 28.8820,
16.2260

 41.1330, 25.0310,
14.4310

 46.3990, 21.2260,
11.8020

 51.1920, 17.3750,
10.0070

■ 55.8710, 13.8450,
7.9010

■ 61.2510, 9.7190,
5.5830

■ 65.9300, 6.1890,
3.4770

■ 71.3100, 2.0630,
1.1590

Harmonies

Analogous

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



28.4080, 26.1750, 26.7430



26.2810, 36.5380, 20.6500



30.0120, 35.2570, 5.3130

Triad

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



26.2810, 36.5380, 20.6500



24.3660, -10.6790, -21.2310



32.6000, -36.6800, 3.9600

Complementary

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



26.2810, 36.5380, 20.6500



50.7190, -36.5380, -20.6500

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.



33.1070, -33.9740, -1.0300



26.2810, 36.5380, 20.6500



27.8630, -19.2080, -15.3360

Square

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



26.2810, 36.5380, 20.6500



30.6890, 7.7050, -12.9910



31.1860, -27.1870, -8.3950



27.9040, -34.4800, 8.1440

Rectangle

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



26.2810, 36.5380, 20.6500



32.3050, 26.8220, -1.5140



31.1860, -27.1870, -8.3950



32.9590, -36.3130, 2.8150

Sweetspot

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



26.2810, 36.5380, 20.6500



78.1700, 14.4410, 8.1130



26.6420, 8.2010, 33.1050



36.6530, 8.5270, 5.1590



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



26.2810, 36.5380, 20.6500



31.8530, 49.7870, 28.3390



34.2080, 37.6410, 6.1610



35.3100, 2.0630, 1.1590



33.4620, 52.4460, 29.7100



75.3820, 118.4620, 66.7980

Inverse Universe

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



26.2810, 36.5380, 20.6500



31.8530, 49.7870, 28.3390



42.7920, -37.6410, -6.1610



35.3100, 2.0630, 1.1590



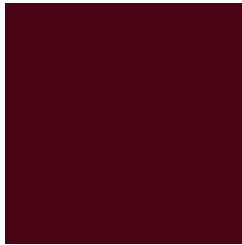
33.4620, 52.4460, 29.7100



75.3820, 118.4620, 66.7980

Previews

White Background



This preview shows how the YIQ color 26.2810, 36.5380, 20.6500 looks on a white background.

Color Contrast Check

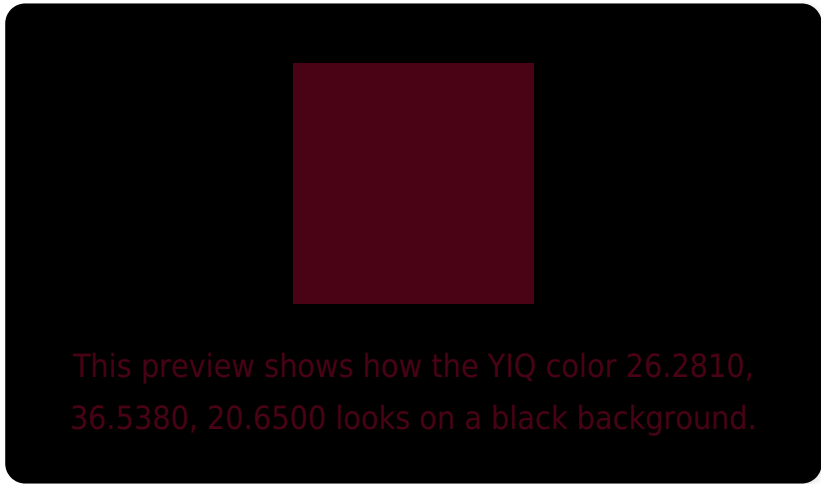
Large Text (above 18pt) WCAG AA ✓ Pass

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

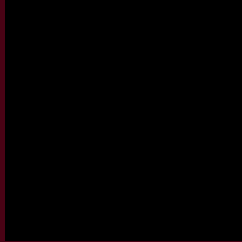
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.2810, 36.5380, 20.6500

Background



This preview shows how black text looks on a background with the YIQ color 26.2810, 36.5380, 20.6500.



This preview shows how white text looks on a background with the YIQ color 26.2810, 36.5380,

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

26.2810, 36.5380, 20.6500

Protanopia

37.8000, 3.4390, -1.7530

Deuteranopia

37.1230, 12.6550, -3.5770



Tritanopia

28.2070, 39.3820, 13.1580

Trichromacy



Original Color

26.2810, 36.5380, 20.6500

Protanomaly

33.3010, 15.4500, 6.3460

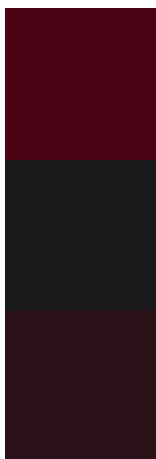
Deuteranomaly

33.1830, 21.5940, 5.1300

Tritanomaly

27.6030, 38.3270, 15.7590

Monochromacy



Original Color

26.2810, 36.5380, 20.6500

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.1590, 12.9740, 7.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.2810, 36.5380, 20.6500 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(74, 3, 21)` looks like.

```
.text, #text, p{  
    color:rgb(74, 3, 21)  
}
```

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(74, 3, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 3, 21) }
```

Border

The CSS property to change the border of an element to YIQ 26.2810, 36.5380, 20.6500 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(74, 3, 21) }
```


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

```
.border{ border-color:rgb(74, 3, 21) }
```

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

Here you see how a box with a 4 pixel rgb(74, 3, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 3, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 3, 21); box-shadow:4px  
4px 4px 4px rgb(74, 3, 21) }
```

Background

The CSS property to change the background color of an element to YIQ 26.2810, 36.5380, 20.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 3, 21) }
```

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

```
.background{ background-color: rgb(74, 3,  
21) }
```

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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