

Converting Colors

YIQ(31.8600, 4.3510, 25.7830)

Have a look what the booklet for
YIQ(31.8600, 4.3510, 25.7830)
contains.

YIQ(31.8600, 4.3510, 25.7830)	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(31.8600, 4.3510,
25.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	340E47
RGB	52, 14, 71
RGB Percent	20%, 5%, 28%
CMY	0.7959, 0.9452, 0.7216
CMYK	0.27, 0.80, 0.00, 0.72
HSL	280°, 67%, 17%
HSV	280°, 80%, 28%
XYZ	2.7118, 1.4994, 6.1066
YIQ	31.8600, 4.3510, 25.7830

Conversions

Conversions Part 2

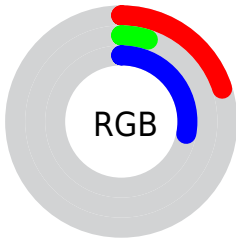
Format	Color
RYB	52, 14, 71
Decimal	3411527
CIELab	12.60, 29.49, -27.24
CIElCh	13, 40.143, 317.272
Yxy	1.4994, 0.2628, 0.1453
Android (android.graphics.Color)	4281601607 (0xFF340E47)
YUV	31.8600, 19.2960, 17.6628
Hunter-Lab	12.2450, 18.1014, -20.9962

Details

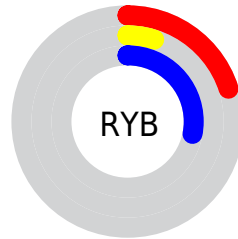
The YIQ color **31.8600, 4.3510, 25.7830** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **53.1400, -4.3510, -25.7830**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **79.0990, 5.1760, 27.3520**, and **3.6650, -8.9420, 7.8740** is the 20% darker color. If you saturate the color by 10%, you get **27.1530, 5.0840, 29.0200**, and if you desaturate by 10%, it is **36.5670, 3.6180, 22.5460**.

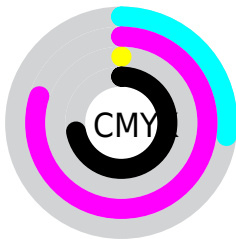
Distribution



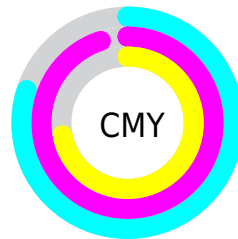
- Red (20%)
- Green (5%)
- Blue (28%)



- Red (20%)
- Yellow (5%)
- Blue (28%)



- Cyan (27%)
- Magenta (80%)
- Yellow (0%)
- Black (72%)



- Cyan (80%)
- Magenta (95%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.8600, 4.3510, 25.7830 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 31.8600, 4.3510, 25.7830 by changing the saturation by 10% instead.

■ 31.8600, 4.3510,
25.7830

■ 31.8600, 4.3510,
25.7830

■ 249.1300, 2.7500,
5.2300

■ 14.7410, 3.0680,
21.5000

■ 79.0990, 5.1760,
27.3520

■ 3.6650, -8.9420,
7.8740

■ 103.9250, 5.7260,
28.3980

■ 0.0000, 0.0000,
0.0000


■ 129.4520, 5.6800,
29.2320


■ 155.5770, 6.8260,
30.4900


■ 182.9900, 7.1010,
31.0130


■ 210.2890, 7.6970,

31.2250


 232.1070, 10.7250,
20.3970

 31.8600, 4.3510,
25.7830

 31.8600, 4.3510,
25.7830

 27.1530, 5.0840,
29.0200

 36.5670, 3.6180,
22.5460

 22.1470, 5.2210,
32.0450

 41.5730, 3.4810,
19.5210

 46.2800, 2.7480,
16.2840

 50.9870, 2.0150,
13.0470

 55.9930, 1.8780,
10.0220

■ 61.2870, 0.8700,
6.2620

■ 66.2930, 0.7330,
3.2370

■ 71.0000, -0.0000,
-0.0000

■ 75.7070, -0.7330,
-3.2370

Harmonies

Analogous

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



28.1150, -36.4520, 10.8440



31.8600, 4.3510, 25.7830



27.3700, 29.3380, 29.9940

Triad

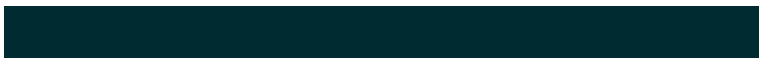
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.8600, 4.3510, 25.7830



31.3970, 23.5670, -3.0970



31.4140, -27.8290, -7.7730

Complementary

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



31.8600, 4.3510, 25.7830



53.1400, -4.3510, -25.7830

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.



27.9940, -18.1990, -17.1030



31.8600, 4.3510, 25.7830



29.2050, 6.1920, -13.1040

Square

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



31.8600, 4.3510, 25.7830



26.8000, 38.9700, 9.6100



24.0670, -11.2750, -21.4430



33.6770, -35.5790, 0.5250

Rectangle

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



31.8600, 4.3510, 25.7830



26.6990, 38.4170, 25.1450



24.0670, -11.2750, -21.4430



30.2740, -24.6190, -10.8830

Sweetspot

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



31.8600, 4.3510, 25.7830



76.6940, 1.2820, 9.8100



31.6510, -23.5220, 7.7900



36.8740, 0.5950, 5.7390



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.



31.8600, 4.3510, 25.7830



31.3740, 6.3200, 39.6640



36.4010, 18.8850, 26.7010



33.3530, 0.5040, 1.8800



31.0200, 7.5570, 44.7810



71.0270, 17.1290, 102.6090

Inverse Universe

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



33.2090, 27.8730, 17.9930



33.6180, 43.1390, 27.6750



48.4850, -18.5640, -27.0120



33.3100, 2.0630, 1.1590



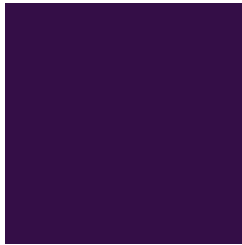
33.3630, 48.4110, 31.2510



76.4230, 111.2170, 71.4490

Previews

White Background



This preview shows how the YIQ color 31.8600, 4.3510, 25.7830 looks on a white background.

Color Contrast Check

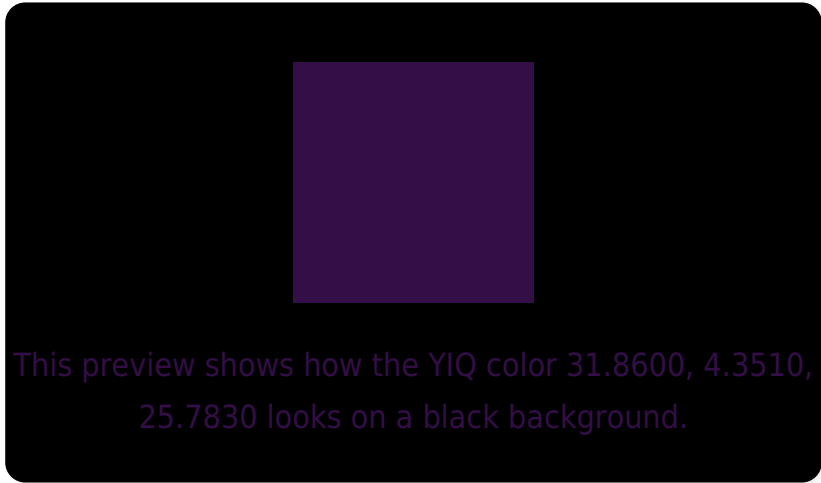
Large Text (above 18pt) WCAG AA ✓ Pass

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

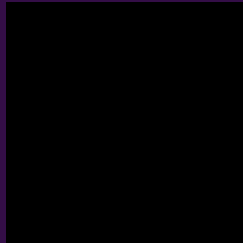
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.8600, 4.3510, 25.7830

Background



This preview shows how black text looks on a background with the YIQ color 31.8600, 4.3510, 25.7830.



This preview shows how white text looks on a background with the YIQ color 31.8600, 4.3510,

25.7830.

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

31.8600, 4.3510, 25.7830

Protanopia

27.3510, -31.5450, 4.5110

Deuteranopia

27.4990, -29.2060, 0.6660



Tritanopia

35.0120, 8.8940, 4.0140

Trichromacy



Original Color

31.8600, 4.3510, 25.7830

Protanomaly

28.9230, -18.2960, 12.2000

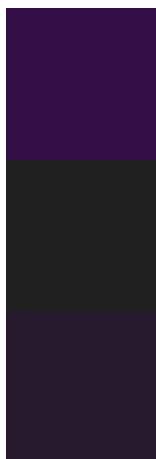
Deuteranomaly

28.9400, -16.9660, 10.1220

Tritanomaly

33.6840, 7.2420, 11.9300

Monochromacy



Original Color

31.8600, 4.3510, 25.7830

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.5800, 1.6030, 9.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.8600, 4.3510, 25.7830 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(52, 14, 71)` looks like.

```
.text, #text, p{  
    color:rgb(52, 14, 71)  
}
```

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(52, 14, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 14, 71) }
```

Border

The CSS property to change the border of an element to YIQ 31.8600, 4.3510, 25.7830 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(52, 14, 71) }
```


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

```
.border{ border-color:rgb(52, 14, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 14, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 14, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 14, 71);  
box-shadow:4px 4px 4px 4px rgb(52, 14, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 31.8600, 4.3510, 25.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 14, 71) }
```

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

```
.background{ background-color: rgb(52, 14,  
71) }
```

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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