

Converting Colors

YIQ(30.9800, 30.2560, 24.3680)

Have a look what the booklet for
YIQ(30.9800, 30.2560, 24.3680)
contains.

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Color

**YIQ(30.9800, 30.2560,
24.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0727
RGB	75, 7, 39
RGB Percent	29%, 3%, 15%
CMY	0.7057, 0.9726, 0.8470
CMYK	0.00, 0.91, 0.48, 0.71
HSL	332°, 83%, 16%
HSV	332°, 91%, 29%
XYZ	3.3476, 1.7957, 2.0917
YIQ	30.9800, 30.2560, 24.3680

Conversions

Conversions Part 2

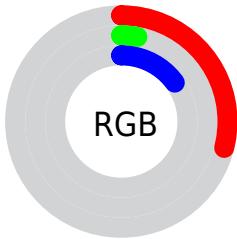
Format	Color
RYB	75, 7, 39
Decimal	4917031
CIELab	14.38, 32.96, -1.19
CIELCh	14, 32.984, 357.930
Yxy	1.7957, 0.4627, 0.2482
Android (android.graphics.Color)	4283107111 (0xFF4B0727)
YUV	30.9800, 3.9539, 38.6055
Hunter-Lab	13.4004, 21.1404, 0.1254

Details

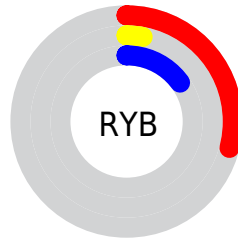
The YIQ color **30.9800, 30.2560, 24.3680** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **51.0200, -30.2560, -24.3680**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **81.5950, 32.7780, 22.7140**, and **5.9800, 11.9200, 4.2400** is the 20% darker color. If you saturate the color by 10%, you get **26.4150, 33.4650, 26.7850**, and if you desaturate by 10%, it is **35.5450, 27.0470, 21.9510**.

Distribution



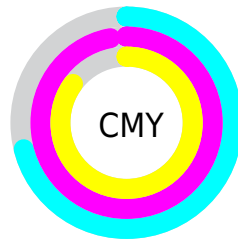
- Red (29%)
- Green (3%)
- Blue (15%)



- Red (29%)
- Yellow (3%)
- Blue (15%)



- Cyan (0%)
- Magenta (91%)
- Yellow (48%)
- Black (71%)





- Cyan (71%)
- Magenta (97%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 30.9800, 30.2560, 24.3680 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 30.9800, 30.2560, 24.3680 by changing the saturation by 10% instead.


 30.9800, 30.2560,
24.3680


 30.9800, 30.2560,
24.3680


 249.1300, 2.7500,
5.2300


 17.3010, 24.6180,
16.4100


 81.5950, 32.7780,
22.7140

 5.9800, 11.9200,
4.2400

 106.4920, 34.5660,
23.3500

 0.0000, 0.0000,
0.0000


 132.9760, 36.0790,
23.4630


 159.8730, 37.8670,
24.0990


 186.8840, 39.3340,
25.0460


 210.9970, 31.5860,


22.2900


 230.6250, 14.8980,
16.3540


 30.9800, 30.2560,
24.3680


 30.9800, 30.2560,
24.3680


 26.4150, 33.4650,
26.7850

 35.5450, 27.0470,
21.9510

 40.6970, 23.5630,
19.0110

 45.2620, 20.3540,
16.5940

 50.4140, 16.8700,
13.6540

 54.9790, 13.6610,
11.2370

■ 60.1310, 10.1770,
8.2970

■ 65.2830, 6.6930,
5.3570

■ 69.8480, 3.4840,
2.9400

■ 75.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



36.0580, 12.4210, 22.7010



30.9800, 30.2560, 24.3680



31.1790, 36.5850, 14.2890

Triad

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



30.9800, 30.2560, 24.3680



31.8410, 4.2210, -15.9310



35.0790, -36.7710, 0.1010

Complementary

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



30.9800, 30.2560, 24.3680



51.0200, -30.2560, -24.3680

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.



33.6140, -31.2680, -6.0200



30.9800, 30.2560, 24.3680



27.2130, -14.6220, -21.3580

Square

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



30.9800, 30.2560, 24.3680



34.8970, 18.9830, -8.1290



30.8780, -23.5640, -13.4840



32.9420, -37.6430, 4.8930

Rectangle

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



30.9800, 30.2560, 24.3680



33.2570, 35.9450, 3.8570



30.8780, -23.5640, -13.4840



34.5090, -35.1660, -1.4540

Sweetspot

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



30.9800, 30.2560, 24.3680



80.1420, 11.6440, 9.2440



25.2170, -0.9680, 28.5680



38.2830, 6.6930, 5.3570



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.



30.9800, 30.2560, 24.3680



34.2470, 43.0460, 34.8700



27.9190, 40.2530, 13.8930



35.4240, 1.7420, 1.4700



35.9700, 45.3840, 36.5520



81.0820, 102.4120, 82.3480

Inverse Universe

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



30.9800, 30.2560, 24.3680



34.2470, 43.0460, 34.8700



54.0810, -40.2530, -13.8930



35.4240, 1.7420, 1.4700



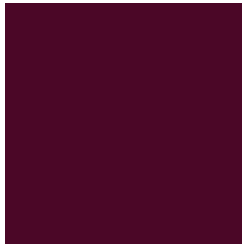
35.9700, 45.3840, 36.5520



81.0820, 102.4120, 82.3480

Previews

White Background



This preview shows how the YIQ color 30.9800, 30.2560, 24.3680 looks on a white background.

Color Contrast Check

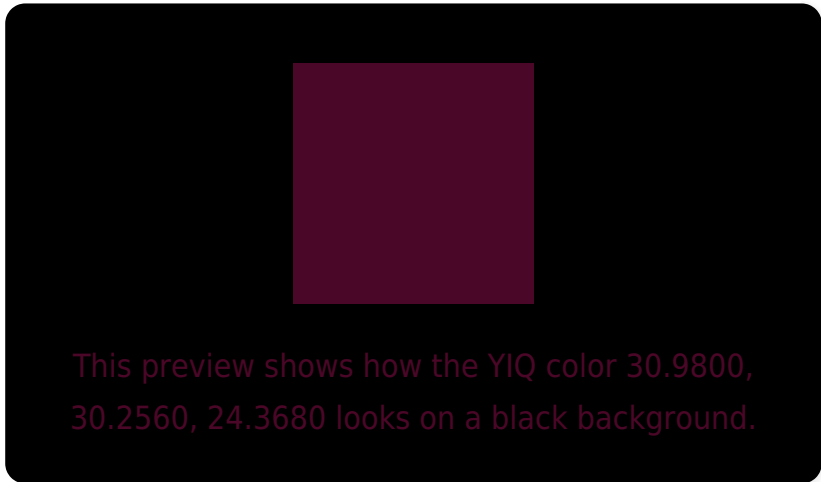
Large Text (above 18pt) WCAG AA ✓ Pass

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

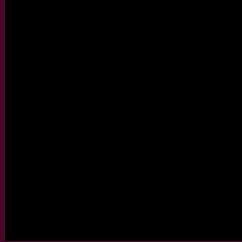
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.9800, 30.2560, 24.3680

Background



This preview shows how black text looks on a background with the YIQ color 30.9800, 30.2560, 24.3680.



This preview shows how white text looks on a background with the YIQ color 30.9800, 30.2560,

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

30.9800, 30.2560, 24.3680

Protanopia

39.4430, -8.4370, 4.2270

Deuteranopia

39.8650, 4.8140, 0.8620



Tritanopia

33.4560, 34.2470, 12.6070

Trichromacy



Original Color

30.9800, 30.2560, 24.3680

Protanomaly

36.2000, 5.7290, 11.8170

Deuteranomaly

36.8110, 14.0740, 9.2580

Tritanomaly

32.6070, 32.5040, 16.6640

Monochromacy



Original Color

30.9800, 30.2560, 24.3680

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

30.8430, 11.0480, 9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.9800, 30.2560, 24.3680 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(75, 7, 39)` looks like.

```
.text, #text, p{  
    color:rgb(75, 7, 39)  
}
```

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(75, 7, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 7, 39) }
```

Border

The CSS property to change the border of an element to YIQ 30.9800, 30.2560, 24.3680 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(75, 7, 39) }
```


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

```
.border{ border-color:rgb(75, 7, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 7, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 7, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 7, 39); box-shadow:4px  
4px 4px 4px rgb(75, 7, 39) }
```

Background

The CSS property to change the background color of an element to YIQ 30.9800, 30.2560, 24.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 7, 39) }
```

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

```
.background{ background-color: rgb(75, 7,  
39) }
```

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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