

Converting Colors

YIQ(30.5620, 37.5450, 29.9370)

Have a look what the booklet for
YIQ(30.5620, 37.5450, 29.9370)
contains.

YIQ(30.5620, 37.5450, 29.9370)	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(30.5620, 37.5450,
29.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	550128
RGB	85, 1, 40
RGB Percent	33%, 0%, 16%
CMY	0.6664, 0.9962, 0.8430
CMYK	0.00, 0.99, 0.53, 0.67
HSL	332°, 98%, 17%
HSV	332°, 99%, 33%
XYZ	4.1455, 2.1083, 2.1986
YIQ	30.5620, 37.5450, 29.9370

Conversions

Conversions Part 2

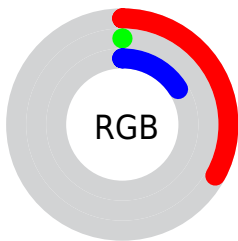
Format	Color
RYB	85, 1, 40
Decimal	5570856
CIELab	16.05, 37.87, 0.79
CIELCh	16, 37.881, 1.194
Yxy	2.1083, 0.4904, 0.2494
Android (android.graphics.Color)	4283760936 (0xFF550128)
YUV	30.5620, 4.6529, 47.7421
Hunter-Lab	14.5201, 25.5518, 1.1863

Details

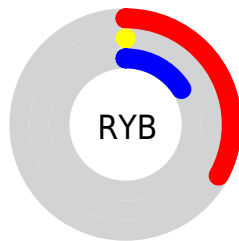
The YIQ color **30.5620, 37.5450, 29.9370** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **55.4380, -37.5450, -29.9370**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **84.7100, 39.8840, 26.0920**, and **10.5790, 20.5390, 7.7310** is the 20% darker color. If you saturate the color by 10%, you get **29.9750, 37.8200, 30.4600**, and if you desaturate by 10%, it is **35.8280, 33.7400, 27.3080**.

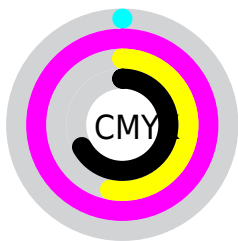
Distribution



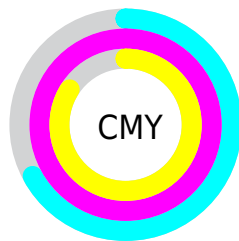
- Red (33%)
- Green (0%)
- Blue (16%)



- Red (33%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (99%)
- Yellow (53%)
- Black (67%)



- Cyan (67%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.5620, 37.5450, 29.9370 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 30.5620, 37.5450, 29.9370 by changing the saturation by 10% instead.

■ 30.5620, 37.5450,
29.9370

■ 30.5620, 37.5450,
29.9370

■ 249.1300, 2.7500,
5.2300

■ 19.8070, 29.0650,
18.4170

■ 84.7100, 39.8840,
26.0920

■ 10.5790, 20.5390,
7.7310

■ 110.4930, 41.9930,
26.4170

■ 0.0000, 0.0000,
0.0000


■ 136.3900, 43.7810,
27.0530


■ 163.8740, 45.2940,
27.1660


■ 191.7710, 47.0820,
27.8020


■ 211.1110, 31.2650,


22.6010


 230.8530, 14.2560,
16.9760


 30.5620, 37.5450,
29.9370


 30.5620, 37.5450,
29.9370


 29.9750, 37.8200,
30.4600

 35.8280, 33.7400,
27.3080

 41.5670, 29.9810,
23.8450

 46.8330, 26.1760,
21.2160

 52.5720, 22.4170,
17.7530

 57.8380, 18.6120,
15.1240

■ 63.5770, 14.8530,
11.6610

■ 69.4300, 10.7730,
8.5090

■ 74.5820, 7.2890,
5.5690

■ 80.4350, 3.2090,
2.4170

Harmonies

Analogous

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



37.8570, 17.6010, 27.9450



30.5620, 37.5450, 29.9370



32.6420, 42.5910, 15.5750

Triad

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



30.5620, 37.5450, 29.9370



33.8790, 1.0580, -19.1820



38.6810, -41.4020, 1.4300

Complementary

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



30.5620, 37.5450, 29.9370



55.4380, -37.5450, -29.9370

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.



37.5750, -35.5320, -5.8360



30.5620, 37.5450, 29.9370



30.4900, -16.9600, -23.0400

Square

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



30.5620, 37.5450, 29.9370



37.8430, 19.0750, -9.7970



34.4970, -26.8650, -14.2330



35.9570, -41.9990, 6.7450

Rectangle

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



30.5620, 37.5450, 29.9370



36.2250, 38.9710, 4.0830



34.4970, -26.8650, -14.2330



38.6980, -40.0720, -0.6480

Sweetspot

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



30.5620, 37.5450, 29.9370



88.5770, 14.8530, 11.6610



24.0310, -0.1440, 35.6640



43.0060, 9.0310, 7.0390



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



30.5620, 37.5450, 29.9370



38.7040, 49.1890, 39.1810



27.8770, 49.2390, 16.2390



40.4240, 1.7420, 1.4700



37.6930, 47.7220, 38.2340



82.6910, 105.0710, 83.7190

Inverse Universe

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



30.5620, 37.5450, 29.9370



38.7040, 49.1890, 39.1810



58.1230, -49.2390, -16.2390



40.4240, 1.7420, 1.4700



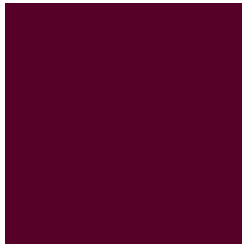
37.6930, 47.7220, 38.2340



82.6910, 105.0710, 83.7190

Previews

White Background



This preview shows how the YIQ color 30.5620, 37.5450, 29.9370 looks on a white background.

Color Contrast Check

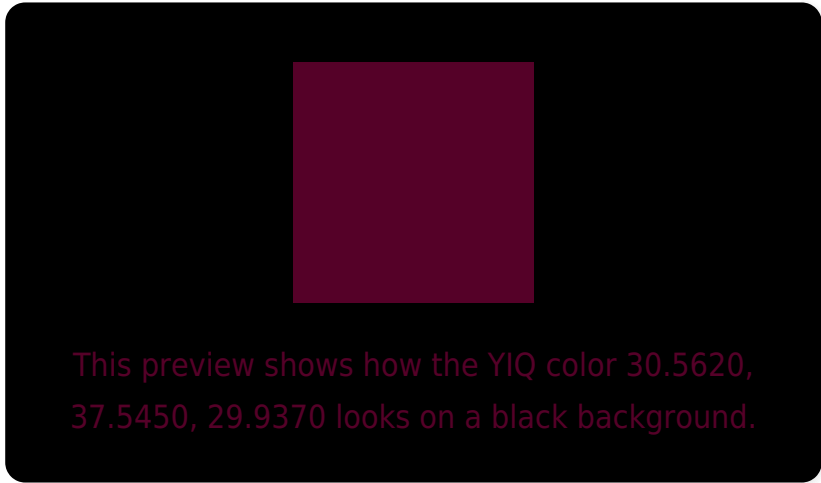
Large Text (above 18pt) WCAG AA ✓ Pass

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

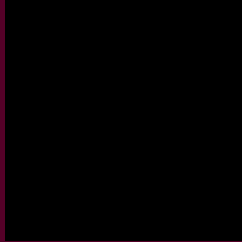
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.5620, 37.5450, 29.9370

Background



This preview shows how black text looks on a background with the YIQ color 30.5620, 37.5450, 29.9370.



This preview shows how white text looks on a background with the YIQ color 30.5620, 37.5450,

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

30.5620, 37.5450, 29.9370

Protanopia

44.4000, -6.8780, 3.5060

Deuteranopia

44.0070, 7.2900, 0.0420



Tritanopia

36.3320, 40.5280, 14.4160

Trichromacy



Original Color

30.5620, 37.5450, 29.9370

Protanomaly

38.9940, 9.3050, 13.0890

Deuteranomaly

38.9040, 18.2460, 10.7420

Tritanomaly

34.4230, 39.0140, 19.8300

Monochromacy



Original Color

30.5620, 37.5450, 29.9370

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

30.8650, 13.9820, 10.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.5620, 37.5450, 29.9370 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(85, 1, 40)` looks like.

```
.text, #text, p{  
    color:rgb(85, 1, 40)  
}
```

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(85, 1, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 1, 40) }
```

Border

The CSS property to change the border of an element to YIQ 30.5620, 37.5450, 29.9370 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(85, 1, 40) }
```


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

```
.border{ border-color:rgb(85, 1, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 1, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 1, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 1, 40); box-shadow:4px  
4px 4px 4px rgb(85, 1, 40) }
```

Background

The CSS property to change the background color of an element to YIQ 30.5620, 37.5450, 29.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 1, 40) }
```

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

```
.background{ background-color: rgb(85, 1,  
40) }
```

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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