

Converting Colors

YIQ(44.6710, 71.1510, 37.6390)

Have a look what the booklet for
YIQ(44.6710, 71.1510, 37.6390)
contains.

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Color

**YIQ(44.6710, 71.1510,
37.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	88011E
RGB	136, 1, 30
RGB Percent	53%, 0%, 12%
CMY	0.4663, 0.9962, 0.8821
CMYK	0.00, 0.99, 0.78, 0.47
HSL	347°, 99%, 27%
HSV	347°, 99%, 53%
XYZ	10.4128, 5.3560, 1.7177
YIQ	44.6710, 71.1510, 37.6390

Conversions

Conversions Part 2

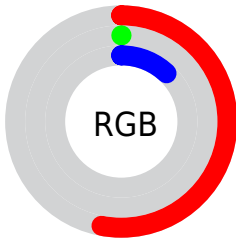
Format	Color
RYB	136, 1, 30
Decimal	8913182
CIELab	27.73, 50.77, 25.23
CIELCh	28, 56.696, 26.423
Yxy	5.3560, 0.5955, 0.3063
Android (android.graphics.Color)	4287103262 (0xFF88011E)
YUV	44.6710, -7.2328, 80.0955
Hunter-Lab	23.1431, 39.8124, 11.7995

Details

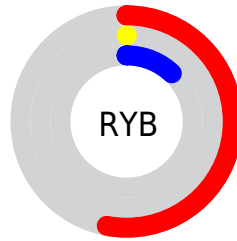
The YIQ color **44.6710, 71.1510, 37.6390** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **92.3290, -71.1510, -37.6390**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **108.1300, 73.8120, 27.9560**, and **23.0230, 45.8920, 16.3240** is the 20% darker color. If you saturate the color by 10%, you get **43.9700, 71.7470, 37.8510**, and if you desaturate by 10%, it is **54.1430, 63.7700, 33.7380**.

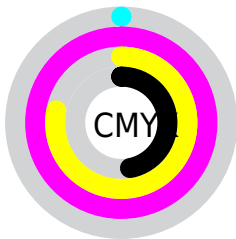
Distribution



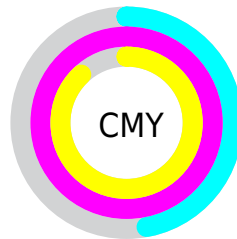
- Red (53%)
- Green (0%)
- Blue (12%)



- Red (53%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (99%)
- Yellow (78%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.6710, 71.1510, 37.6390 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 44.6710, 71.1510, 37.6390 by changing the saturation by 10% instead.

■ 44.6710, 71.1510,
37.6390

■ 44.6710, 71.1510,
37.6390

■ 255.0000, -0.0000,
-0.0000

■ 32.7910, 61.5250,
24.8610

■ 108.1300, 73.8120,
27.9560

■ 23.0230, 45.8920,
16.3240

■ 135.9840, 77.1590,
27.8710

■ 15.4770, 29.7540,
11.4340

■ 162.9410, 78.7180,
27.1500


■ 0.0000, 0.0000,
0.0000


■ 181.7540, 62.9470,
21.1150


■ 201.2680, 46.5800,
14.8680


■ 221.3690, 29.9380,


8.0980


 241.5840, 12.9750,
1.6390


 44.6710, 71.1510,
37.6390


 44.6710, 71.1510,
37.6390


 43.9700, 71.7470,
37.8510

 54.1430, 63.7700,
33.7380

 62.9140, 56.9850,
30.0490

 72.3860, 49.6040,
26.1480

 81.2710, 42.4980,
22.7700

 90.6290, 35.4380,
18.5580

■ 100.1010, 28.0570,
14.6570

■ 108.9860, 20.9510,
11.2790

■ 118.3440, 13.8910,
7.0670

■ 127.2290, 6.7850,
3.6890

Harmonies

Analogous

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



48.9860, 57.6230, 51.5350



44.6710, 71.1510, 37.6390



59.0500, 58.4570, 3.3610

Triad

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



44.6710, 71.1510, 37.6390



47.8720, -24.5680, -39.3520



60.4070, -69.5090, 9.7150

Complementary

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



44.6710, 71.1510, 37.6390



92.3290, -71.1510, -37.6390

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.



63.2790, -66.5730, 0.5550



44.6710, 71.1510, 37.6390



55.4470, -41.7640, -25.0600

Square

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



44.6710, 71.1510, 37.6390



56.5940, 5.8740, -29.3740



60.4630, -55.8880, -11.3760



61.6610, -37.5090, 24.4990

Rectangle

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



44.6710, 71.1510, 37.6390



61.8750, 42.4120, -8.7240



60.4630, -55.8880, -11.3760



62.4130, -69.6460, 6.6900

Sweetspot

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



44.6710, 71.1510, 37.6390



140.2150, 27.7360, 14.9680



48.0840, 19.8410, 64.4570



67.3660, 16.8250, 8.9610



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



44.6710, 71.1510, 37.6390



56.9560, 92.6980, 49.1300



63.6710, 70.0100, 8.7460



64.2070, 3.8510, 1.7950



43.0730, 69.9590, 37.2150



1.6090, 2.6590, 1.3710

Inverse Universe

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



44.6710, 71.1510, 37.6390



56.9560, 92.6980, 49.1300



73.3290, -70.0100, -8.7460



64.2070, 3.8510, 1.7950



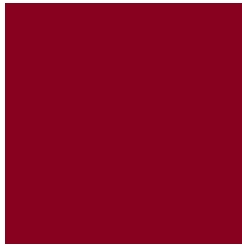
43.0730, 69.9590, 37.2150



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 44.6710, 71.1510, 37.6390 looks on a white background.

Color Contrast Check

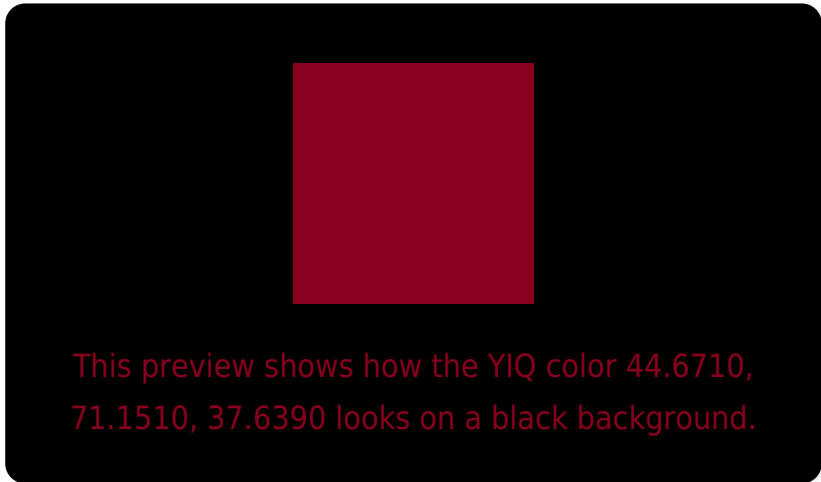
Large Text (above 18pt) WCAG AA ✓ Pass

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

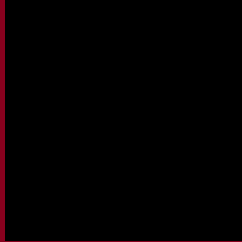
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.6710, 71.1510, 37.6390

Background



This preview shows how black text looks on a background with the YIQ color 44.6710, 71.1510, 37.6390.



This preview shows how white text looks on a background with the YIQ color 44.6710, 71.1510,

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

44.6710, 71.1510, 37.6390

Protanopia

68.1720, 10.9590, -5.8810

Deuteranopia

66.8500, 26.3650, -9.7550



Tritanopia

48.8650, 75.8760, 23.5880

Trichromacy



Original Color

44.6710, 71.1510, 37.6390

Protanomaly

59.3910, 32.8720, 9.9920

Deuteranomaly

58.4860, 42.7300, 7.5460

Tritanomaly

47.5430, 74.0870, 28.4790

Monochromacy



Original Color

44.6710, 71.1510, 37.6390

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.9050, 25.6730, 13.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.6710, 71.1510, 37.6390 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(136, 1, 30)` looks like.

```
.text, #text, p{  
    color:rgb(136, 1, 30)  
}
```

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(136, 1, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 1, 30) }
```

Border

The CSS property to change the border of an element to YIQ 44.6710, 71.1510, 37.6390 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(136, 1, 30) }
```


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

```
.border{ border-color:rgb(136, 1, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 1, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 1, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 1, 30);  
box-shadow:4px 4px 4px 4px rgb(136, 1, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.6710, 71.1510, 37.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 1, 30) }
```

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

```
.background{ background-color: rgb(136, 1,  
30) }
```

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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