

Converting Colors

YIQ(38.5960, 14.9830, 53.3750)

Have a look what the booklet for
YIQ(38.5960, 14.9830, 53.3750)
contains.

YIQ(38.5960, 14.9830, 53.3750)	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(38.5960, 14.9830,
53.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	560071
RGB	86, 0, 113
RGB Percent	34%, 0%, 44%
CMY	0.6625, 1.0000, 0.5569
CMYK	0.24, 1.00, 0.00, 0.56
HSL	286°, 100%, 22%
HSV	286°, 100%, 44%
XYZ	6.8244, 3.1739, 15.8736
YIQ	38.5960, 14.9830, 53.3750

Conversions

Conversions Part 2

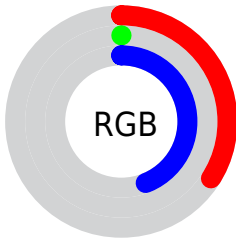
Format	Color
RYB	86, 0, 113
Decimal	5636209
CIELab	20.73, 49.51, -41.94
CIElCh	21, 64.885, 319.733
Yxy	3.1739, 0.2638, 0.1227
Android (android.graphics.Color)	4283826289 (0xFF560071)
YUV	38.5960, 36.6812, 41.5733
Hunter-Lab	17.8153, 37.2005, -40.3572

Details

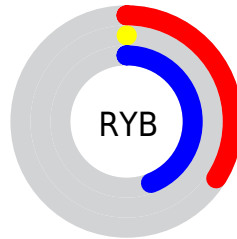
The YIQ color **38.5960, 14.9830, 53.3750** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **74.4040, -14.9830, -53.3750**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **97.1780, 13.1040, 48.8800**, and **18.6580, 2.1040, 27.9600** is the 20% darker color. If you saturate the color by 10%, you get **38.5960, 14.9830, 53.3750**, and if you desaturate by 10%, it is **45.9500, 13.7460, 48.2580**.

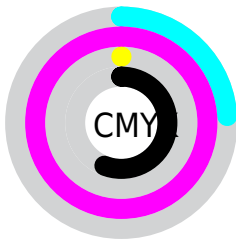
Distribution



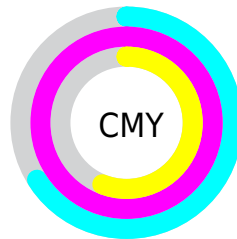
- Red (34%)
- Green (0%)
- Blue (44%)



- Red (34%)
- Yellow (0%)
- Blue (44%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)





- Cyan (66%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.5960, 14.9830, 53.3750 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 38.5960, 14.9830, 53.3750 by changing the saturation by 10% instead.

 38.5960, 14.9830,
53.3750

 38.5960, 14.9830,
53.3750


254.4130, 0.2750,
0.5230


 27.9720, 7.5120,
40.0880


 97.1780, 13.1040,
48.8800


 18.6580, 2.1040,
27.9600

 123.8900, 13.9750,
49.6150


 4.6740, -13.1610,
12.7510

 150.7160, 14.5250,
50.6610

 2.7530, -6.3740,
5.3860

 178.5420, 15.0750,
51.7070


 0.0000, 0.0000,
0.0000


 203.6320, 23.3290,
45.2890


 220.3670, 16.2250,


30.8570

 236.8030, 8.5250,
16.2130

 38.5960, 14.9830,
53.3750

 45.9500, 13.7460,
48.2580

 53.5920, 11.6380,
42.4060

 60.9460, 10.4010,
37.2890

 68.3000, 9.1640,
32.1720

 75.6540, 7.9270,
27.0550

■ 83.2960, 5.8190,
21.2030

■ 90.6500, 4.5820,
16.0860

■ 98.0040, 3.3450,
10.9690

■ 105.6460, 1.2370,
5.1170

Harmonies

Analogous

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



43.3040, -58.5530, 20.4150



38.5960, 14.9830, 53.3750



43.9310, 50.2880, 46.8000

Triad

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



38.5960, 14.9830, 53.3750



47.3780, 33.7460, -5.8540



48.5630, -44.4260, -9.8500

Complementary

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



38.5960, 14.9830, 53.3750



74.4040, -14.9830, -53.3750

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.



42.2760, -28.1010, -24.8770



38.5960, 14.9830, 53.3750



42.7280, 2.8010, -23.2390

Square

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



38.5960, 14.9830, 53.3750



32.8790, 64.0930, 22.3730



36.9810, -17.3250, -32.9490



53.4650, -58.2290, 3.5230

Rectangle

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



38.5960, 14.9830, 53.3750



42.1910, 63.8150, 38.4310



36.9810, -17.3250, -32.9490



46.7390, -39.2900, -14.8260

Sweetspot

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



38.5960, 14.9830, 53.3750



118.8830, 5.5440, 20.6800



29.3180, -43.9730, 20.4990



56.3570, 3.8490, 12.8490



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



38.5960, 14.9830, 53.3750



50.6590, 19.8400, 69.9840



43.4770, 40.0630, 50.3910



52.1790, 1.0540, 2.9260



40.8890, 15.7160, 56.6120



84.3700, 32.7610, 116.6730

Inverse Universe

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



36.8650, 58.6810, 32.3530



48.2420, 76.9730, 42.2610



69.5230, -40.0630, -50.3910



52.0220, 2.9340, 1.8940



39.1860, 62.2110, 34.4590



80.5790, 128.2730, 70.7130

Previews

White Background



This preview shows how the YIQ color 38.5960, 14.9830, 53.3750 looks on a white background.

Color Contrast Check

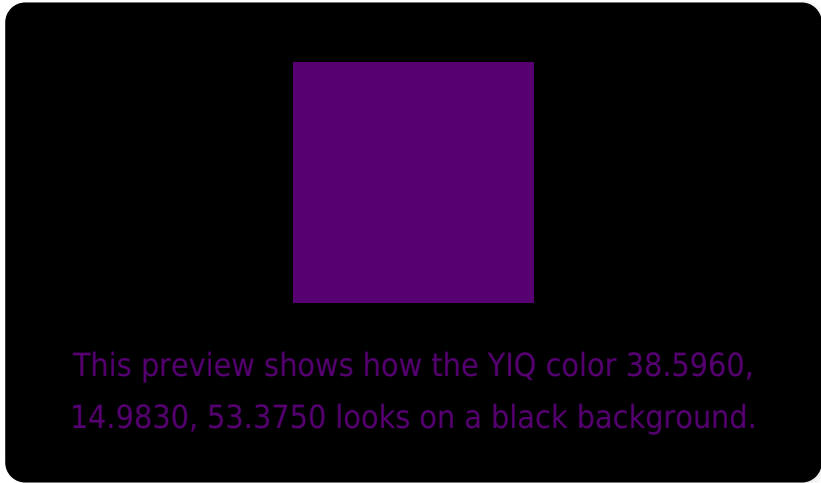
Large Text (above 18pt) WCAG AA ✓ Pass

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

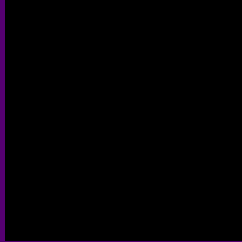
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.5960, 14.9830, 53.3750

Background



This preview shows how black text looks on a background with the YIQ color 38.5960, 14.9830, 53.3750.



This preview shows how white text looks on a background with the YIQ color 38.5960, 14.9830,

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

38.5960, 14.9830, 53.3750

Protanopia

42.9500, -49.2890, 6.7030

Deuteranopia

43.1150, -45.6200, 0.7800



Tritanopia

53.9100, 18.1090, 7.7170

Trichromacy



Original Color

38.5960, 14.9830, 53.3750

Protanomaly

41.1800, -25.9090, 23.5230

Deuteranomaly

41.4420, -23.8910, 19.9890

Tritanomaly

48.4500, 17.1890, 24.3970

Monochromacy



Original Color

38.5960, 14.9830, 53.3750

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.9430, 5.3150, 19.3230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.5960, 14.9830, 53.3750 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(86, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(86, 0, 113)  
}
```

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(86, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 0, 113) }
```

Border

The CSS property to change the border of an element to YIQ 38.5960, 14.9830, 53.3750 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(86, 0, 113) }
```


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

```
.border{ border-color:rgb(86, 0, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 0, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(86, 0, 113)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.5960, 14.9830, 53.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 0, 113) }
```

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

```
.background{ background-color: rgb(86, 0,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor