

Converting Colors

YIQ(73.9560, 128.2290, 60.4930)

Have a look what the booklet for
YIQ(73.9560, 128.2290, 60.4930)
contains.

YIQ(73.9560, 128.2290, 60.4930)	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(73.9560, 128.2290,
60.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	EA0023
RGB	234, 0, 35
RGB Percent	92%, 0%, 14%
CMY	0.0818, 0.9998, 0.8623
CMYK	0.00, 1.00, 0.85, 0.08
HSL	351°, 100%, 46%
HSV	351°, 100%, 92%
XYZ	34.2854, 17.6395, 3.1974
YIQ	73.9560, 128.2290, 60.4930

Conversions

Conversions Part 2

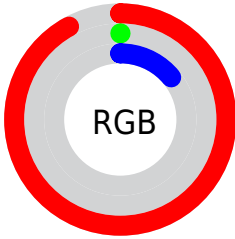
Format	Color
RYB	234, 0, 35
Decimal	15335459
CIELab	49.06, 75.51, 50.46
CIELCh	49, 90.822, 33.753
Yxy	17.6395, 0.6220, 0.3200
Android (android.graphics.Color)	4293525539 (0xFFEA0023)
YUV	73.9560, -19.2053, 140.3586
Hunter-Lab	41.9994, 72.2159, 24.8858

Details

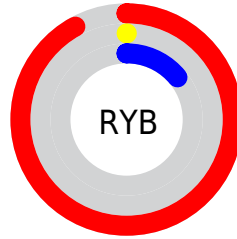
The YIQ color **73.9560, 128.2290, 60.4930** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **160.0440, -128.2290, -60.4930**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5970, 100.3580, 31.4460**, and **50.2320, 100.1280, 35.6160** is the 20% darker color. If you saturate the color by 10%, you get **73.9560, 128.2290, 60.4930**, and if you desaturate by 10%, it is **89.7370, 115.4840, 54.6840**.

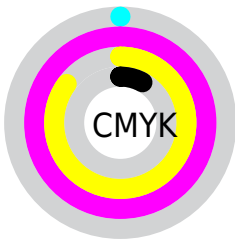
Distribution



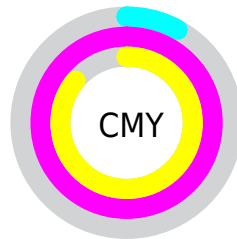
- Red (92%)
- Green (0%)
- Blue (14%)



- Red (92%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.9560, 128.2290, 60.4930 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 73.9560, 128.2290, 60.4930 by changing the saturation by 10% instead.


 73.9560, 128.2290,
60.4930


 73.9560, 128.2290,
60.4930


255.0000, -0.0000,
-0.0000


 61.4670, 115.9440,
46.3440


 139.5970,
100.3580, 31.4460


 50.2320, 100.1280,
35.6160


 160.6440, 83.8080,
23.0080


 40.6640, 81.0560,
28.8320


 181.1040, 67.5330,
15.0930

 31.0250, 60.7460,
22.4580

 201.7920, 50.6160,
7.8000

 22.5820, 42.8200,
16.9320

 222.4800, 33.6990,
0.5070

 12.3730, 24.1150,
9.0030

 243.2820, 16.4610,

 0.0000, 0.0000,

-6.4750

0.0000

■ 253.5180, 4.1730,
-4.0430

■ 73.9560, 128.2290,
60.4930

■ 89.7370, 115.4840,
54.6840

■ 106.1050,
102.4640, 48.3520

■ 121.8860, 89.7190,
42.5430

■ 138.2540, 76.6990,
36.2110

■ 154.0350, 63.9540,
30.4020

■ 170.4030, 50.9340,
24.0700

■ 186.0700, 38.5100,
17.9500

■ 201.8510, 25.7650,
12.1410

■ 218.2190, 12.7450,
5.8090

Harmonies

Analogous

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



85.6100, 109.7930, 86.2490



73.9560, 128.2290, 60.4930



107.3140, 92.5240, -2.8040

Triad

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



73.9560, 128.2290, 60.4930



88.5010, -52.1650, -62.3490



102.4450, -116.2300, 13.9300

Complementary

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



73.9560, 128.2290, 60.4930



160.0440, -128.2290, -60.4930

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.



112.4240, -120.9050, 5.0390



73.9560, 128.2290, 60.4930



100.5390, -80.5500, -38.0060

Square

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



73.9560, 128.2290, 60.4930



92.4010, -10.9010, -61.2770



109.2030, -104.9460, -14.3700



115.3730, -35.4970, 54.1270

Rectangle

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



73.9560, 128.2290, 60.4930



110.0400, 63.2760, -23.4120



109.2030, -104.9460, -14.3700



106.5540, -118.1550, 10.2690

Sweetspot

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



73.9560, 128.2290, 60.4930



202.9780, 41.7650, 19.5330



86.1770, 43.4900, 114.9620



96.4380, 25.4900, 11.6180



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



73.9560, 128.2290, 60.4930



80.5770, 139.7820, 65.8780



118.1000, 116.9140, 6.7220



109.4030, 6.2350, 2.6430



57.1970, 99.2090, 46.7690



17.0580, 29.6160, 13.9360

Inverse Universe

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



73.9560, 128.2290, 60.4930



80.5770, 139.7820, 65.8780



115.9000, -116.9140, -6.7220



109.4030, 6.2350, 2.6430



57.1970, 99.2090, 46.7690



17.0580, 29.6160, 13.9360

Previews

White Background



This preview shows how the YIQ color 73.9560, 128.2290, 60.4930 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 × Fail

Black Background



This preview shows how the YIQ color 73.9560, 128.2290, 60.4930 looks on a black 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 × Fail

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

YIQ 73.9560, 128.2290, 60.4930

Background



This preview shows how black text looks on a background with the YIQ color 73.9560, 128.2290, 60.4930.



This preview shows how white text looks on a background with the YIQ color 73.9560, 128.2290,

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

73.9560, 128.2290, 60.4930

Protanopia

115.6340, 26.7330, -16.4270

Deuteranopia

110.5940, 58.6000, -26.7760



Tritanopia

81.9940, 133.0930, 38.4130

Trichromacy



Original Color

73.9560, 128.2290, 60.4930

Protanomaly

100.8430, 63.7740, 11.6300

Deuteranomaly

97.2780, 84.1780, 5.2820

Tritanomaly

78.7800, 131.1200, 46.6400

Monochromacy



Original Color

73.9560, 128.2290, 60.4930

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.8970, 46.4870, 22.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.9560, 128.2290, 60.4930 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(234, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 35)  
}
```

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(234, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 35) }
```

Border

The CSS property to change the border of an element to YIQ 73.9560, 128.2290, 60.4930 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(234, 0, 35) }
```


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

```
.border{ border-color:rgb(234, 0, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 0, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 35);  
box-shadow:4px 4px 4px 4px rgb(234, 0, 35)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.9560, 128.2290, 60.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 0, 35) }
```

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

```
.background{ background-color: rgb(234, 0,  
35) }
```

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