

Converting Colors

YIQ(58.0430, 78.6710, 33.5110)

Have a look what the booklet for
YIQ(58.0430, 78.6710, 33.5110)
contains.

YIQ(58.0430, 78.6710, 33.5110)	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(58.0430, 78.6710,
33.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	9A0F1C
RGB	154, 15, 28
RGB Percent	60%, 6%, 11%
CMY	0.3957, 0.9413, 0.8899
CMYK	0.00, 0.90, 0.82, 0.40
HSL	354°, 82%, 33%
HSV	354°, 90%, 60%
XYZ	13.7234, 7.3027, 1.7897
YIQ	58.0430, 78.6710, 33.5110

Conversions

Conversions Part 2

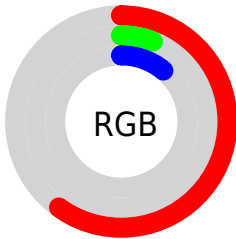
Format	Color
RYB	154, 15, 28
Decimal	10096412
CIELab	32.49, 53.31, 32.75
CIElCh	32, 62.568, 31.558
Yxy	7.3027, 0.6015, 0.3201
Android (android.graphics.Color)	4288286492 (0xFF9A0F1C)
YUV	58.0430, -14.8112, 84.1543
Hunter-Lab	27.0235, 43.3567, 14.9898

Details

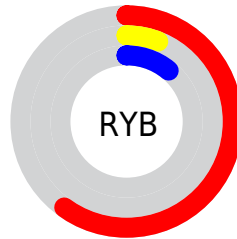
The YIQ color **58.0430, 78.6710, 33.5110** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **110.9570, -78.6710, -33.5110**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1650, 83.8990, 26.8670**, and **28.1060, 56.0240, 19.9280** is the 20% darker color. If you saturate the color by 10%, you get **47.7560, 86.9690, 37.3130**, and if you desaturate by 10%, it is **68.4440, 70.0520, 30.0200**.

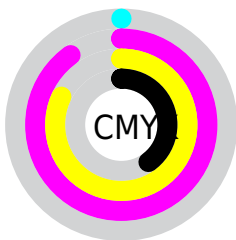
Distribution



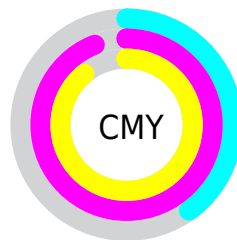
- Red (60%)
- Green (6%)
- Blue (11%)



- Red (60%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (90%)
- Yellow (82%)
- Black (40%)



- Cyan (40%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.0430, 78.6710, 33.5110 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 58.0430, 78.6710, 33.5110 by changing the saturation by 10% instead.

■ 58.0430, 78.6710,
33.5110

■ 58.0430, 78.6710,
33.5110

■ 255.0000, -0.0000,
-0.0000

■ 37.6460, 72.2990,
27.8430

■ 119.1650, 83.8990,
26.8670

■ 28.1060, 56.0240,
19.9280

■ 147.0190, 87.2460,
26.7820

■ 19.8480, 39.0150,
14.3030

■ 168.6970, 76.2890,
21.6090

■ 10.5790, 20.5390,
7.7310


■ 187.5100, 60.5180,
15.5740


■ 0.0000, 0.0000,
0.0000


■ 207.6110, 43.8760,
8.8040


■ 227.7120, 27.2340,


2.0340


 247.9270, 10.2710,
-4.4250


 58.0430, 78.6710,
33.5110


 58.0430, 78.6710,
33.5110


 47.7560, 86.9690,
37.3130

 68.4440, 70.0520,
30.0200

 79.4320, 61.1580,
26.0060

 89.8330, 52.5390,
22.5150

 100.8210, 43.6450,
18.5010

 111.2220, 35.0260,
15.0100

■ 121.6230, 26.4070,
11.5190

■ 132.6110, 17.5130,
7.5050

■ 143.0120, 8.8940,
4.0140

■ 154.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



55.9060, 69.7720, 57.1320



58.0430, 78.6710, 33.5110



70.5680, 62.6300, -0.6820

Triad

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



58.0430, 78.6710, 33.5110



57.9140, -33.5540, -41.6980



68.8990, -79.6420, 11.6380

Complementary

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



58.0430, 78.6710, 33.5110



110.9570, -78.6710, -33.5110

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.



73.2870, -78.2190, 2.3650



58.0430, 78.6710, 33.5110



65.2440, -51.4380, -25.9500

Square

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



58.0430, 78.6710, 33.5110



63.9150, 0.2360, -37.3320



70.8300, -67.1670, -10.7110



75.2050, -27.0570, 33.3190

Rectangle

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



58.0430, 78.6710, 33.5110



72.7840, 43.9260, -14.1380



70.8300, -67.1670, -10.7110



71.1330, -80.4210, 9.2350

Sweetspot

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



58.0430, 78.6710, 33.5110



163.7160, 30.5790, 13.0030



68.2210, 29.8810, 69.7290



79.2090, 18.7050, 7.9290



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



58.0430, 78.6710, 33.5110



62.2650, 113.6970, 48.5210



89.4330, 67.4440, 0.1800



71.5060, 4.4470, 2.0070



43.3420, 79.2670, 33.7230



4.0010, 7.4270, 3.0670

Inverse Universe

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



58.0430, 78.6710, 33.5110



62.2650, 113.6970, 48.5210



79.5670, -67.4440, -0.1800



71.5060, 4.4470, 2.0070



43.3420, 79.2670, 33.7230



4.0010, 7.4270, 3.0670

Previews

White Background



This preview shows how the YIQ color 58.0430, 78.6710, 33.5110 looks on a white background.

Color Contrast Check

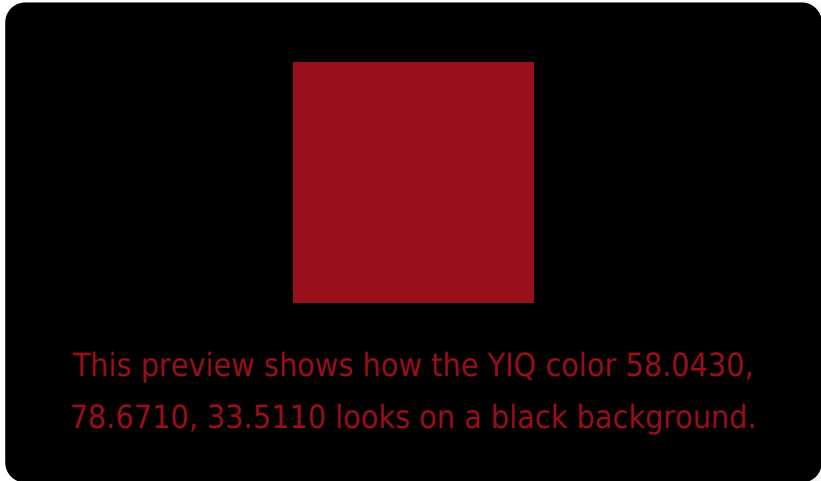
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.0430, 78.6710, 33.5110

Background



This preview shows how black text looks on a background with the YIQ color 58.0430, 78.6710, 33.5110.



This preview shows how white text looks on a background with the YIQ color 58.0430, 78.6710,

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

58.0430, 78.6710, 33.5110

Protanopia

76.9890, 15.7280, -9.7120

Deuteranopia

75.3360, 33.5640, -13.5720



Tritanopia

58.2080, 82.3400, 27.5880

Trichromacy



Original Color

58.0430, 78.6710, 33.5110

Protanomaly

70.3930, 38.5580, 6.0620

Deuteranomaly

68.9720, 49.9290, 3.7290

Tritanomaly

58.1910, 81.0100, 29.6660

Monochromacy



Original Color

58.0430, 78.6710, 33.5110

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.8190, 28.7910, 12.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.0430, 78.6710, 33.5110 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(154, 15, 28)` looks like.

```
.text, #text, p{  
    color:rgb(154, 15, 28)  
}
```

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(154, 15, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 15, 28) }
```

Border

The CSS property to change the border of an element to YIQ 58.0430, 78.6710, 33.5110 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(154, 15, 28) }
```


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

```
.border{ border-color:rgb(154, 15, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 15, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 15, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 15, 28);  
box-shadow:4px 4px 4px 4px rgb(154, 15,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 58.0430, 78.6710, 33.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 15, 28) }
```

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

```
.background{ background-color: rgb(154, 15,  
28) }
```

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