

Converting Colors

YIQ(58.8880, 78.2100, 47.3780)

Have a look what the booklet for
YIQ(58.8880, 78.2100, 47.3780)
contains.

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Color

**YIQ(58.8880, 78.2100,
47.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	A30735
RGB	163, 7, 53
RGB Percent	64%, 3%, 21%
CMY	0.3604, 0.9727, 0.7919
CMYK	0.00, 0.96, 0.67, 0.36
HSL	342°, 92%, 33%
HSV	342°, 96%, 64%
XYZ	15.8446, 8.2055, 4.1253
YIQ	58.8880, 78.2100, 47.3780

Conversions

Conversions Part 2

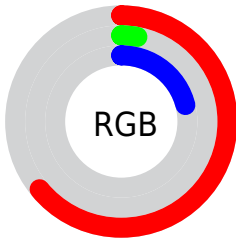
Format	Color
R_{YB}	163, 7, 53
Decimal	10684213
CIE _{Lab}	34.41, 57.91, 19.74
CIE _{LCh}	34, 61.179, 18.820
Yxy	8.2055, 0.5624, 0.2912
Android (android.graphics.Color)	4288874293 (0xFFA30735)
YUV	58.8880, -2.9028, 91.3062
Hunter-Lab	28.6453, 48.6049, 11.5131

Details

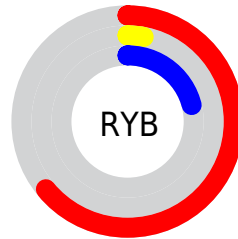
The YIQ color **58.8880, 78.2100, 47.3780** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **111.1120, -78.2100, -47.3780**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **124.6350, 80.0000, 36.9600**, and **31.9370, 58.1780, 24.9460** is the 20% darker color. If you saturate the color by 10%, you get **54.2090, 81.7400, 49.4840**, and if you desaturate by 10%, it is **69.6480, 69.9580, 42.7420**.

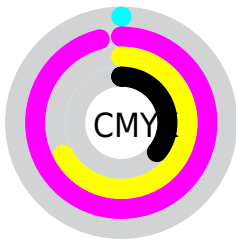
Distribution



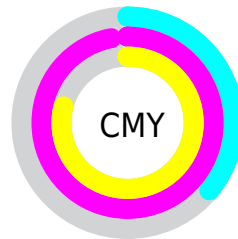
- Red (64%)
- Green (3%)
- Blue (21%)



- Red (64%)
- Yellow (3%)
- Blue (21%)



- Cyan (0%)
- Magenta (96%)
- Yellow (67%)
- Black (36%)





- Cyan (36%)
- Magenta (97%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 58.8880, 78.2100, 47.3780 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 58.8880, 78.2100, 47.3780 by changing the saturation by 10% instead.


 58.8880, 78.2100,
47.3780


 58.8880, 78.2100,
47.3780


255.0000, -0.0000,
-0.0000

 43.4150, 68.9960,
38.1480


 124.6350, 80.0000,
36.9600


 31.9370, 58.1780,
24.9460

 153.1900, 82.7510,
36.6630


 22.2400, 43.7830,
15.9990

 172.5900, 66.7050,
30.1050

 13.6830, 26.1780,
10.1620

 191.9900, 50.6590,
23.5470

 0.0000, 0.0000,
0.0000

 212.2050, 33.6960,
17.0880

 232.4200, 16.7330,

10.6290

252.0650, 1.3750,
2.6150

58.8880, 78.2100,
47.3780

58.8880, 78.2100,
47.3780

54.2090, 81.7400,
49.4840

69.6480, 69.9580,
42.7420

80.8810, 61.7520,
37.2720

91.6410, 53.5000,
32.6360

102.2870, 45.5690,
27.6890

113.6340, 37.0420,
22.5300

■ 124.2800, 29.1110,
17.5830

■ 135.0400, 20.8590,
12.9470

■ 145.6860, 12.9280,
8.0000

■ 157.0330, 4.4010,
2.8410

Harmonies

Analogous

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



62.8540, 58.3550, 60.2990



58.8880, 78.2100, 47.3780



71.6560, 74.3660, 6.8940

Triad

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



58.8880, 78.2100, 47.3780



56.3520, -26.4000, -50.2080



74.2960, -82.4380, 7.2420

Complementary

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



58.8880, 78.2100, 47.3780



111.1120, -78.2100, -47.3780

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.



76.2560, -76.9340, -4.4060



58.8880, 78.2100, 47.3780



65.5400, -46.7600, -33.6400

Square

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



58.8880, 78.2100, 47.3780



72.8850, 18.1160, -30.9720



71.9410, -63.4060, -18.3020



64.4480, -76.7540, 14.3660

Rectangle

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



58.8880, 78.2100, 47.3780



76.1280, 57.8170, -7.0710



71.9410, -63.4060, -18.3020



76.0740, -81.9330, 3.5950

Sweetspot

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



58.8880, 78.2100, 47.3780



170.5900, 31.1740, 18.7420



57.3750, 14.8880, 71.6240



82.3170, 18.5210, 11.2650



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



58.8880, 78.2100, 47.3780



70.5700, 106.1290, 64.5370



71.8410, 84.4510, 16.8590



76.0330, 4.4010, 2.8410



48.2570, 72.6170, 44.1130



5.9520, 9.1230, 5.3710

Inverse Universe

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



58.8880, 78.2100, 47.3780



70.5700, 106.1290, 64.5370



98.1590, -84.4510, -16.8590



76.0330, 4.4010, 2.8410



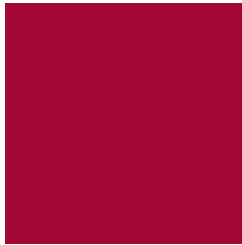
48.2570, 72.6170, 44.1130



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 58.8880, 78.2100, 47.3780 looks on a white background.

Color Contrast Check

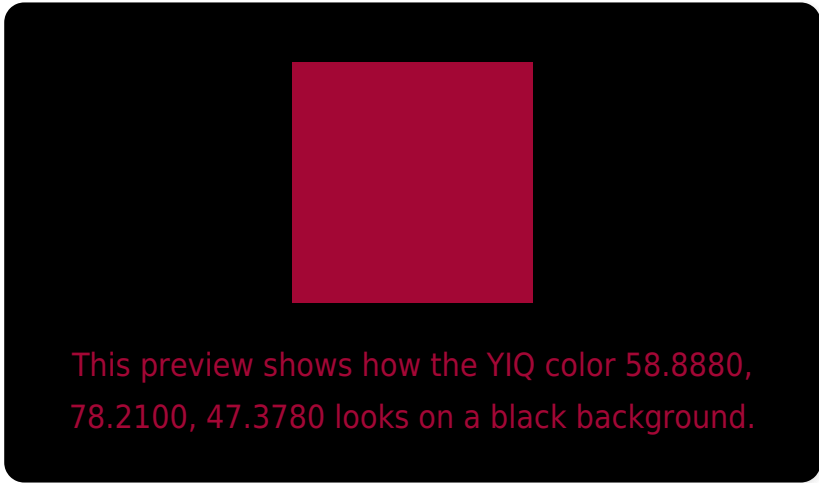
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.8880, 78.2100, 47.3780

Background



This preview shows how black text looks on a background with the YIQ color 58.8880, 78.2100, 47.3780.



This preview shows how white text looks on a background with the YIQ color 58.8880, 78.2100,

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

58.8880, 78.2100, 47.3780

Protanopia

83.3270, 3.3930, -0.9190

Deuteranopia

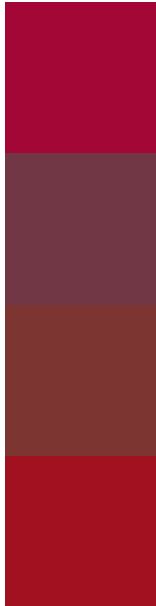
82.1150, 24.3010, -5.3870



Tritanopia

63.5180, 84.4030, 28.7470

Trichromacy



Original Color

58.8880, 78.2100, 47.3780

Protanomaly

74.2370, 30.6700, 16.8620

Deuteranomaly

73.7730, 43.6000, 13.8080

Tritanomaly

61.9510, 81.9260, 35.0940

Monochromacy



Original Color

58.8880, 78.2100, 47.3780

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.9810, 28.5150, 17.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.8880, 78.2100, 47.3780 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(163, 7, 53)` looks like.

```
.text, #text, p{  
    color:rgb(163, 7, 53)  
}
```

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(163, 7, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 7, 53) }
```

Border

The CSS property to change the border of an element to YIQ 58.8880, 78.2100, 47.3780 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(163, 7, 53) }
```


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

```
.border{ border-color:rgb(163, 7, 53) }
```

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

Here you see how a box with a 4 pixel rgb(163, 7, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 7, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 7, 53);  
box-shadow:4px 4px 4px 4px rgb(163, 7, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.8880, 78.2100, 47.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 7, 53) }
```

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

```
.background{ background-color: rgb(163, 7,  
53) }
```

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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