

Converting Colors

YIQ(56.6380, 83.9450, 26.0330)

Have a look what the booklet for
YIQ(56.6380, 83.9450, 26.0330)
contains.

YIQ(56.6380, 83.9450, 26.0330)	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(56.6380, 83.9450,
26.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	991108
RGB	153, 17, 8
RGB Percent	60%, 7%, 3%
CMY	0.3997, 0.9335, 0.9683
CMYK	0.00, 0.89, 0.95, 0.40
HSL	4°, 90%, 32%
HSV	4°, 95%, 60%
XYZ	13.3961, 7.1970, 0.9153
YIQ	56.6380, 83.9450, 26.0330

Conversions

Conversions Part 2

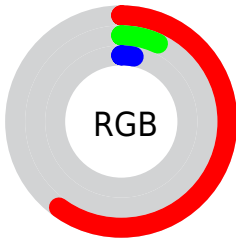
Format	Color
R_{YB}	153, 18, 8
Decimal	10031368
CIE Lab	32.25, 52.23, 42.51
CIE LCh	32, 67.341, 39.147
Yxy	7.1970, 0.6228, 0.3346
Android (android.graphics.Color)	4288221448 (0xFF991108)
YUV	56.6380, -23.9785, 84.5095
Hunter-Lab	26.8273, 42.1851, 16.7562

Details

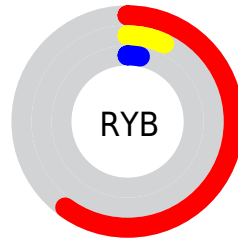
The YIQ color **56.6380, 83.9450, 26.0330** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **104.3620, -83.9450, -26.0330**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.8140, 89.0810, 21.0570**, and **27.5080, 54.8320, 19.5040** is the 20% darker color. If you saturate the color by 10%, you get **51.0300, 88.7130, 27.7290**, and if you desaturate by 10%, it is **66.5660, 75.2800, 23.3760**.

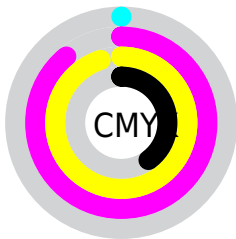
Distribution



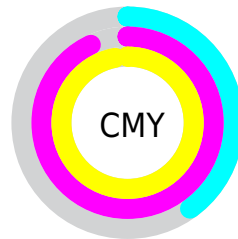
- Red (60%)
- Green (7%)
- Blue (3%)



- Red (60%)
- Yellow (7%)
- Blue (3%)



- Cyan (0%)
- Magenta (89%)
- Yellow (95%)
- Black (40%)





- Cyan (40%)
- Magenta (93%)
- Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 56.6380, 83.9450, 26.0330 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 56.6380, 83.9450, 26.0330 by changing the saturation by 10% instead.


 56.6380, 83.9450,
26.0330


 56.6380, 83.9450,
26.0330


 252.9480, 5.7780,
-5.5980


 36.7770, 73.3080,
26.0760


 116.8140, 89.0810,
21.0570


 27.5080, 54.8320,
19.5040

 144.9670, 93.0240,
21.1840


 19.2500, 37.8230,
13.8790

 166.5310, 82.3880,
15.7000

 9.9810, 19.3470,
7.3070

 185.3440, 66.6170,
9.6650

 0.0000, 0.0000,
0.0000

 205.3310, 50.2960,
2.5840

 224.8450, 33.9290,

-3.6630

■ 245.6470, 16.6910,
-10.6450

■ 56.6380, 83.9450,
26.0330

■ 56.6380, 83.9450,
26.0330

■ 51.0300, 88.7130,
27.7290

■ 66.5660, 75.2800,
23.3760

■ 77.1950, 66.0190,
20.5070

■ 87.1230, 57.3540,
17.8500

■ 97.0510, 48.6890,
15.1930

■ 107.6800, 39.4280,
12.3240

■ 117.6080, 30.7630,
9.6670

■ 128.1230, 21.8230,
6.4870

■ 138.1650, 12.8370,
4.1410

■ 148.0930, 4.1720,
1.4840

Harmonies

Analogous

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



56.1040, 77.8420, 54.0500



56.6380, 83.9450, 26.0330



71.4100, 57.0830, -4.7810

Triad

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



56.6380, 83.9450, 26.0330



59.7550, -37.3600, -38.8000



66.6480, -80.1930, 16.1190

Complementary

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



56.6380, 83.9450, 26.0330



104.3620, -83.9450, -26.0330

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.



74.0680, -81.7960, 6.6200



56.6380, 83.9450, 26.0330



67.3130, -55.8860, -22.4300

Square

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



56.6380, 83.9450, 26.0330



52.8300, -24.7500, -47.0700



73.2410, -72.5780, -6.2580



75.6850, -10.5530, 42.5910

Rectangle

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



56.6380, 83.9450, 26.0330



71.8430, 36.2700, -18.5620



73.2410, -72.5780, -6.2580



70.2840, -82.1640, 13.2920

Sweetspot

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



56.6380, 83.9450, 26.0330



162.0920, 32.2760, 9.7800



67.0870, 42.1220, 73.6580



77.0410, 19.1180, 5.9500



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



56.6380, 83.9450, 26.0330



66.5450, 115.3040, 35.9120



98.3150, 64.4200, -11.1000



71.3920, 4.7680, 1.6960



47.1430, 80.9650, 24.9730



4.4740, 7.4730, 2.2330

Inverse Universe

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



104.3620, -83.9450, -26.0330



132.4550, -115.3040, -35.9120



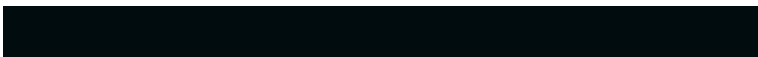
62.6850, -64.4200, 11.1000



74.0210, -4.4930, -1.1730



93.4440, -81.2400, -25.4960



8.5260, -7.4730, -2.2330

Previews

White Background



This preview shows how the YIQ color 56.6380, 83.9450, 26.0330 looks on a white background.

Color Contrast Check

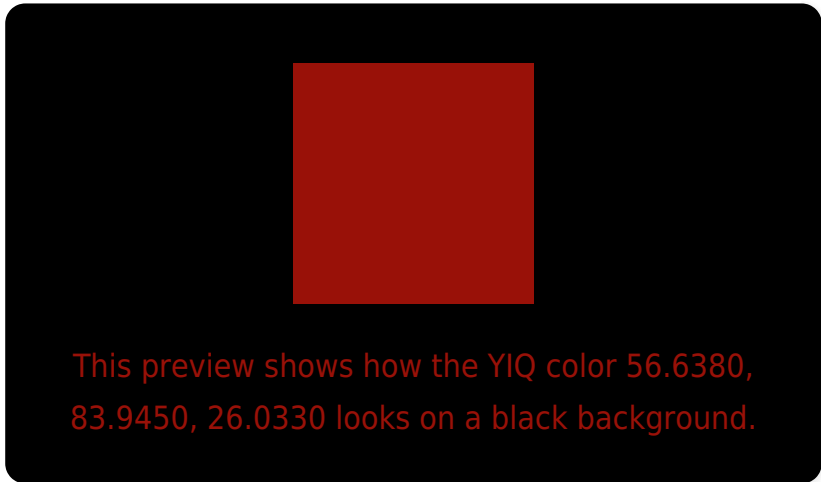
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.6380, 83.9450, 26.0330

Background



This preview shows how black text looks on a background with the YIQ color 56.6380, 83.9450, 26.0330.



This preview shows how white text looks on a background with the YIQ color 56.6380, 83.9450,

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

56.6380, 83.9450, 26.0330

Protanopia

74.6060, 23.9360, -15.2960

Deuteranopia

72.7400, 38.0580, -17.9260



Tritanopia

57.0940, 82.6610, 27.2770

Trichromacy



Original Color

56.6380, 83.9450, 26.0330

Protanomaly

68.2980, 45.8950, -0.2570

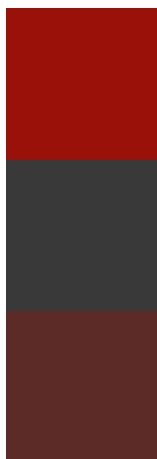
Deuteranomaly

66.7350, 54.7900, -1.7700

Tritanomaly

56.9800, 82.9820, 26.9660

Monochromacy



Original Color

56.6380, 83.9450, 26.0330

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6080, 30.7630, 9.6670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.6380, 83.9450, 26.0330 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(153, 17, 8)` looks like.

```
.text, #text, p{  
  color:rgb(153, 17, 8)  
}
```

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(153, 17, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 17, 8) }
```

Border

The CSS property to change the border of an element to YIQ 56.6380, 83.9450, 26.0330 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(153, 17, 8) }
```


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

```
.border{ border-color:rgb(153, 17, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 17, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 17, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 17, 8);  
box-shadow:4px 4px 4px 4px rgb(153, 17, 8)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.6380, 83.9450, 26.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 17, 8) }
```

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

```
.background{ background-color: rgb(153, 17,  
8) }
```

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