

Converting Colors

YIQ(51.7270, 76.7450, 35.3770)

Have a look what the booklet for
YIQ(51.7270, 76.7450, 35.3770)
contains.

YIQ(51.7270, 76.7450, 35.3770)	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(51.7270, 76.7450,
35.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	93081B
RGB	147, 8, 27
RGB Percent	58%, 3%, 11%
CMY	0.4232, 0.9688, 0.8938
CMYK	0.00, 0.95, 0.82, 0.42
HSL	352°, 90%, 30%
HSV	352°, 95%, 58%
XYZ	12.3332, 6.4630, 1.6389
YIQ	51.7270, 76.7450, 35.3770

Conversions

Conversions Part 2

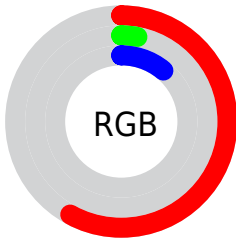
Format	Color
R_{YB}	147, 8, 27
Decimal	9635867
CIE _{Lab}	30.55, 52.48, 30.88
CIE _{LCh}	31, 60.891, 30.474
Yxy	6.4630, 0.6035, 0.3163
Android (android.graphics.Color)	4287825947 (0xFF93081B)
YUV	51.7270, -12.1904, 83.5544
Hunter-Lab	25.4224, 42.1065, 13.9736

Details

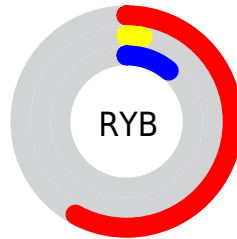
The YIQ color **51.7270, 76.7450, 35.3770** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **103.2730, -76.7450, -35.3770**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.3110, 80.5520, 26.9520**, and **26.0130, 51.8520, 18.4440** is the 20% darker color. If you saturate the color by 10%, you get **46.2330, 81.1920, 37.3840**, and if you desaturate by 10%, it is **62.0140, 68.4470, 31.5750**.

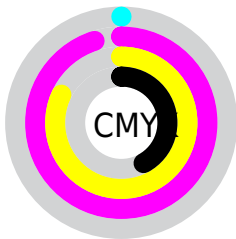
Distribution



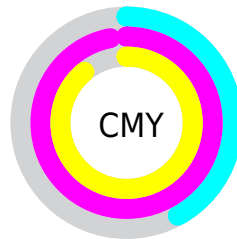
- Red (58%)
- Green (3%)
- Blue (11%)



- Red (58%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (95%)
- Yellow (82%)
- Black (42%)




- Cyan (42%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 51.7270, 76.7450, 35.3770 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 51.7270, 76.7450, 35.3770 by changing the saturation by 10% instead.


 51.7270, 76.7450,
35.3770


 51.7270, 76.7450,
35.3770


255.0000, -0.0000,
-0.0000


 35.3250, 68.7690,
25.7370


 114.3110, 80.5520,
26.9520


 26.0130, 51.8520,
18.4440

 142.1650, 83.8990,
26.8670


 18.1680, 35.1180,
13.3420

 165.6480, 77.9850,
23.9130

 7.2900, 13.9830,
5.3990

 184.9340, 62.2600,
17.0440

 0.0000, 0.0000,
0.0000

 204.4480, 45.8930,
10.7970

 224.5490, 29.2510,

4.0270

■ 244.7640, 12.2880,
-2.4320

■ 51.7270, 76.7450,
35.3770

■ 51.7270, 76.7450,
35.3770

■ 46.2330, 81.1920,
37.3840

■ 62.0140, 68.4470,
31.5750

■ 71.6000, 60.7450,
27.9850

■ 81.8870, 52.4470,
24.1830

■ 92.1740, 44.1490,
20.3810

■ 102.4610, 35.8510,
16.5790

■ 112.0470, 28.1490,
12.9890

■ 122.3340, 19.8510,
9.1870

■ 132.6210, 11.5530,
5.3850

■ 142.2070, 3.8510,
1.7950

Harmonies

Analogous

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



53.1720, 65.9670, 54.5030



51.7270, 76.7450, 35.3770



65.8390, 60.4290, 0.6610

Triad

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



51.7270, 76.7450, 35.3770



53.8220, -30.2990, -40.1150



65.0520, -75.6990, 11.7650

Complementary

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



51.7270, 76.7450, 35.3770



103.2730, -76.7450, -35.3770

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.



69.3260, -73.9550, 2.1810



51.7270, 76.7450, 35.3770



61.5110, -47.8160, -25.5120

Square

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



51.7270, 76.7450, 35.3770



60.0940, 1.2900, -34.4060



66.9830, -63.2240, -10.5840



70.2540, -28.7530, 31.0150

Rectangle

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



51.7270, 76.7450, 35.3770



68.3540, 42.3210, -12.5830



66.9830, -63.2240, -10.5840



67.7590, -76.4320, 8.5280

Sweetspot

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



51.7270, 76.7450, 35.3770



154.6450, 29.3410, 13.4130



59.1280, 25.7090, 68.2450



74.3230, 18.3840, 8.2400



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



51.7270, 76.7450, 35.3770



60.0730, 105.4900, 48.5780



78.3240, 69.3690, 3.8410



69.2070, 3.8510, 1.7950



43.4280, 76.1490, 35.1650



3.1040, 5.6390, 2.4310

Inverse Universe

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



51.7270, 76.7450, 35.3770



60.0730, 105.4900, 48.5780



76.6760, -69.3690, -3.8410



69.2070, 3.8510, 1.7950



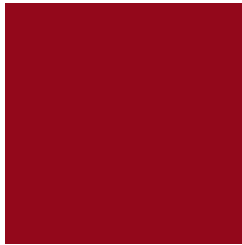
43.4280, 76.1490, 35.1650



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 51.7270, 76.7450, 35.3770 looks on a white background.

Color Contrast Check

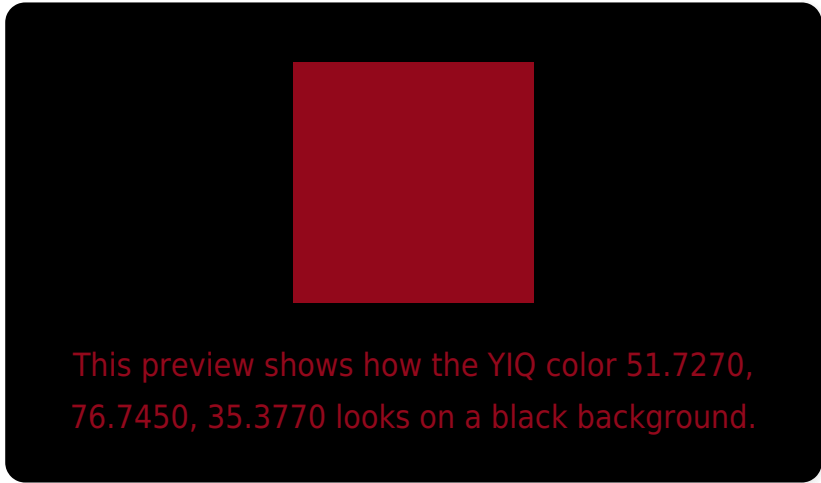
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7270, 76.7450, 35.3770

Background



This preview shows how black text looks on a background with the YIQ color 51.7270, 76.7450, 35.3770.



This preview shows how white text looks on a background with the YIQ color 51.7270, 76.7450,

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

51.7270, 76.7450, 35.3770

Protanopia

73.3310, 14.7650, -8.7790

Deuteranopia

71.3790, 32.0050, -12.8510



Tritanopia

52.1540, 82.4320, 25.9200

Trichromacy



Original Color

51.7270, 76.7450, 35.3770

Protanomaly

65.8490, 37.2740, 7.3060

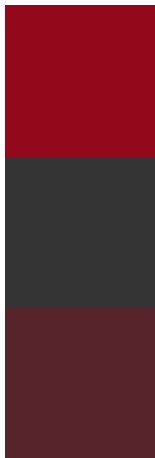
Deuteranomaly

64.1290, 48.0490, 4.7610

Tritanomaly

51.8920, 80.4140, 29.4540

Monochromacy



Original Color

51.7270, 76.7450, 35.3770

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.0470, 28.1490, 12.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.7270, 76.7450, 35.3770 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(147, 8, 27)` looks like.

```
.text, #text, p{  
    color:rgb(147, 8, 27)  
}
```

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(147, 8, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 8, 27) }
```

Border

The CSS property to change the border of an element to YIQ 51.7270, 76.7450, 35.3770 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(147, 8, 27) }
```


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

```
.border{ border-color:rgb(147, 8, 27) }
```

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

Here you see how a box with a 4 pixel rgb(147, 8, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 8, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 8, 27);  
box-shadow:4px 4px 4px 4px rgb(147, 8, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.7270, 76.7450, 35.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 8, 27) }
```

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

```
.background{ background-color: rgb(147, 8,  
27) }
```

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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