

Converting Colors

YIQ(54.9810, 73.2140, 38.7980)

Have a look what the booklet for
YIQ(54.9810, 73.2140, 38.7980)
contains.

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Color

**YIQ(54.9810, 73.2140,
38.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	950A28
RGB	149, 10, 40
RGB Percent	58%, 4%, 16%
CMY	0.4153, 0.9609, 0.8429
CMYK	0.00, 0.93, 0.73, 0.42
HSL	347°, 87%, 31%
HSV	347°, 93%, 58%
XYZ	12.9028, 6.7674, 2.6398
YIQ	54.9810, 73.2140, 38.7980

Conversions

Conversions Part 2

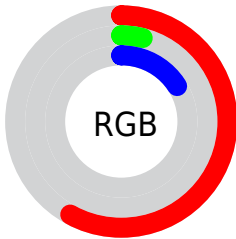
Format	Color
R_{YB}	149, 10, 40
Decimal	9767464
CIE Lab	31.27, 53.22, 23.62
CIE LCh	31, 58.221, 23.932
Yxy	6.7674, 0.5783, 0.3033
Android (android.graphics.Color)	4287957544 (0xFF950A28)
YUV	54.9810, -7.3856, 82.4547
Hunter-Lab	26.0143, 43.0088, 12.1936

Details

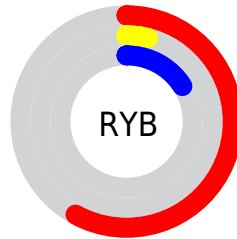
The YIQ color **54.9810, 73.2140, 38.7980** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **104.0190, -73.2140, -38.7980**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0920, 76.9750, 31.2070**, and **26.9100, 53.6400, 19.0800** is the 20% darker color. If you saturate the color by 10%, you get **48.1990, 78.5320, 41.5400**, and if you desaturate by 10%, it is **65.1540, 65.2370, 34.6850**.

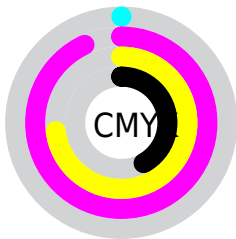
Distribution



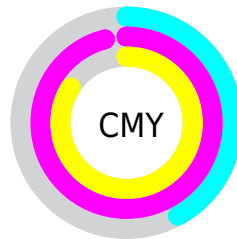
- Red (58%)
- Green (4%)
- Blue (16%)



- Red (58%)
- Yellow (4%)
- Blue (16%)



- Cyan (0%)
- Magenta (93%)
- Yellow (73%)
- Black (42%)



- Cyan (42%)
- Magenta (96%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.9810, 73.2140, 38.7980 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 54.9810, 73.2140, 38.7980 by changing the saturation by 10% instead.

■ 54.9810, 73.2140,
38.7980

■ 54.9810, 73.2140,
38.7980

255.0000, -0.0000,
-0.0000

■ 37.8610, 64.5040,
31.4480

■ 117.0920, 76.9750,
31.2070

■ 26.9100, 53.6400,
19.0800

■ 145.5330, 80.0470,
30.5990

■ 19.0650, 36.9060,
13.9780

■ 168.4180, 72.9410,
27.2210

■ 8.7850, 16.9630,
6.4590


■ 187.9320, 56.5740,
20.9740


■ 0.0000, 0.0000,
0.0000


■ 207.4460, 40.2070,
14.7270


■ 227.5470, 23.5650,


7.9570


 247.8760, 6.2810,
1.8090


 54.9810, 73.2140,
38.7980


 54.9810, 73.2140,
38.7980


 48.1990, 78.5320,
41.5400

 65.1540, 65.2370,
34.6850

 75.2130, 57.5810,
30.2610

 85.3860, 49.6040,
26.1480

 95.5590, 41.6270,
22.0350

 105.6180, 33.9710,
17.6110

■ 115.2040, 26.2690,
14.0210

■ 125.3770, 18.2920,
9.9080

■ 135.5500, 10.3150,
5.7950

■ 145.6090, 2.6590,
1.3710

Harmonies

Analogous

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



53.6430, 60.3270, 57.5990



54.9810, 73.2140, 38.7980



66.1710, 65.4260, 3.7140

Triad

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



54.9810, 73.2140, 38.7980



53.3830, -27.6850, -43.4370



67.0580, -75.8360, 8.7400

Complementary

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



54.9810, 73.2140, 38.7980



104.0190, -73.2140, -38.7980

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.



69.7020, -72.2580, -1.0420



54.9810, 73.2140, 38.7980



61.1860, -45.5230, -28.5230

Square

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



54.9810, 73.2140, 38.7980



64.8780, 10.8260, -31.0140



67.1310, -60.8850, -14.4290



68.1160, -46.2200, 22.6760

Rectangle

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



54.9810, 73.2140, 38.7980



69.5830, 49.1060, -8.8940



67.1310, -60.8850, -14.4290



68.9500, -75.6520, 5.4040

Sweetspot

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



54.9810, 73.2140, 38.7980



157.4000, 28.6530, 14.8690



58.4370, 20.3450, 66.3370



74.6650, 17.4210, 9.1730



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.



54.9810, 73.2140, 38.7980



62.7940, 102.1420, 54.1900



74.4540, 72.1190, 9.0710



69.2070, 3.8510, 1.7950



44.6820, 72.6180, 38.5860



3.2180, 5.3180, 2.7420

Inverse Universe

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



54.9810, 73.2140, 38.7980



62.7940, 102.1420, 54.1900



84.5460, -72.1190, -9.0710



69.2070, 3.8510, 1.7950



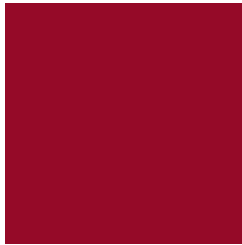
44.6820, 72.6180, 38.5860



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 54.9810, 73.2140, 38.7980 looks on a white background.

Color Contrast Check

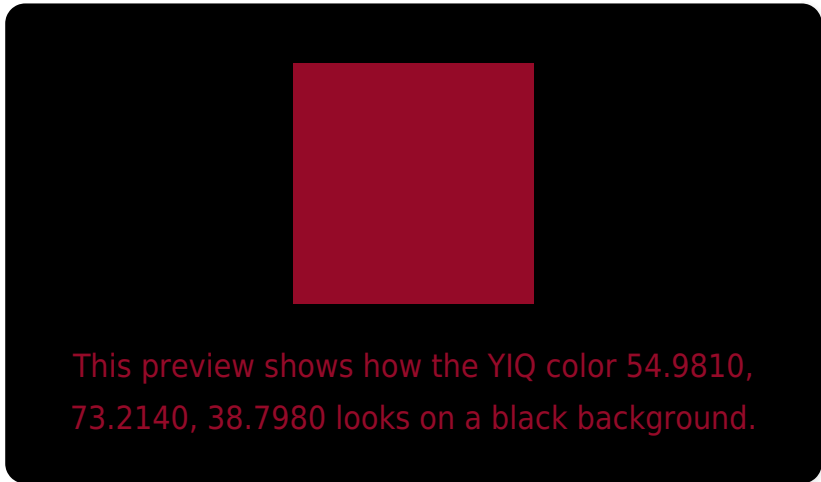
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.9810, 73.2140, 38.7980

Background



This preview shows how black text looks on a background with the YIQ color 54.9810, 73.2140, 38.7980.



This preview shows how white text looks on a background with the YIQ color 54.9810, 73.2140,

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

54.9810, 73.2140, 38.7980

Protanopia

75.6710, 8.1160, -3.9160

Deuteranopia

74.0180, 25.9520, -7.7760



Tritanopia

56.8270, 79.0390, 26.8390

Trichromacy



Original Color

54.9810, 73.2140, 38.7980

Protanomaly

68.2600, 31.8630, 11.7590

Deuteranomaly

66.8390, 43.2340, 9.4260

Tritanomaly

56.0920, 76.9750, 31.2070

Monochromacy



Original Color

54.9810, 73.2140, 38.7980

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2040, 26.2690, 14.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.9810, 73.2140, 38.7980 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(149, 10, 40)` looks like.

```
.text, #text, p{  
    color:rgb(149, 10, 40)  
}
```

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(149, 10, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 10, 40) }
```

Border

The CSS property to change the border of an element to YIQ 54.9810, 73.2140, 38.7980 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(149, 10, 40) }
```


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

```
.border{ border-color:rgb(149, 10, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 10, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 10, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 10, 40);  
box-shadow:4px 4px 4px 4px rgb(149, 10,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 54.9810, 73.2140, 38.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 10, 40) }
```

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

```
.background{ background-color: rgb(149, 10,  
40) }
```

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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