

Converting Colors

YIQ(52.3980, 94.0290, 41.5250)

Have a look what the booklet for
YIQ(52.3980, 94.0290, 41.5250)
contains.

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Color

**YIQ(52.3980, 94.0290,
41.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	A80013
RGB	168, 0, 19
RGB Percent	66%, 0%, 7%
CMY	0.3408, 0.9999, 0.9251
CMYK	0.00, 1.00, 0.89, 0.34
HSL	353°, 100%, 33%
HSV	353°, 100%, 66%
XYZ	16.2891, 8.3837, 1.3799
YIQ	52.3980, 94.0290, 41.5250

Conversions

Conversions Part 2

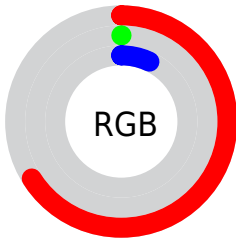
Format	Color
RYB	168, 0, 19
Decimal	11010067
CIELab	34.77, 58.90, 40.90
CIElCh	35, 71.707, 34.781
Yxy	8.3837, 0.6252, 0.3218
Android (android.graphics.Color)	4289200147 (0xFFA80013)
YUV	52.3980, -16.4652, 101.3830
Hunter-Lab	28.9546, 49.7491, 17.4427

Details

The YIQ color **52.3980, 94.0290, 41.5250** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **115.6020, -94.0290, -41.5250**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.5640, 95.9570, 28.6050**, and **31.6940, 63.1760, 22.4720** is the 20% darker color. If you saturate the color by 10%, you get **52.3980, 94.0290, 41.5250**, and if you desaturate by 10%, it is **64.0870, 84.5390, 37.2990**.

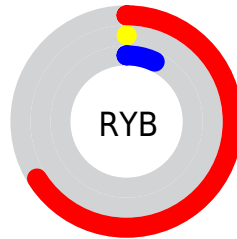
Distribution



Red (66%)

Green (0%)

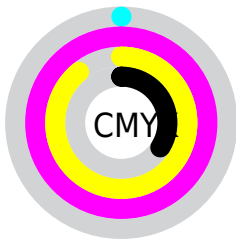
Blue (7%)



Red (66%)

Yellow (0%)

Blue (7%)

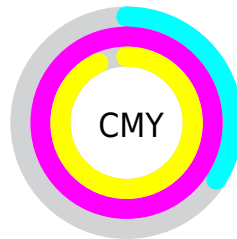


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (34%)



Cyan (34%)


Magenta (100%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 52.3980, 94.0290, 41.5250 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 52.3980, 94.0290, 41.5250 by changing the saturation by 10% instead.


 52.3980, 94.0290,
41.5250


 52.3980, 94.0290,
41.5250


 254.2020, 2.2470,
-2.1770


 40.9630, 81.6520,
29.0440


 121.5640, 95.9570,
28.6050


 31.6940, 63.1760,
22.4720

 147.9120, 94.8570,
26.5130

 22.8380, 44.9750,
16.4230

 167.0840, 79.4530,
19.3330

 14.2810, 27.3700,
10.5860

 186.4840, 63.4070,
12.7750

 0.0000, 0.0000,
0.0000

 206.5850, 46.7650,
6.0050

 226.6860, 30.1230,

-0.7650

■ 247.4880, 12.8850,
-7.7470

■ 52.3980, 94.0290,
41.5250

■ 64.0870, 84.5390,
37.2990

■ 75.7760, 75.0490,
33.0730

■ 86.8780, 65.8340,
29.3700

■ 98.5670, 56.3440,
25.1440

■ 110.2560, 46.8540,
20.9180

■ 121.9450, 37.3640,
16.6920

■ 133.5200, 28.1950,
12.1550

■ 145.2090, 18.7050,
7.9290

■ 156.3110, 9.4900,
4.2260

Harmonies

Analogous

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



61.4730, 81.4170, 60.8490



52.3980, 94.0290, 41.5250



75.3080, 66.2980, -1.0780

Triad

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



52.3980, 94.0290, 41.5250



62.3650, -36.4420, -44.4260



73.6410, -87.4830, 16.0770

Complementary

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



52.3980, 94.0290, 41.5250



115.6020, -94.0290, -41.5250

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.



80.0180, -87.5270, 5.8570



52.3980, 94.0290, 41.5250



71.3080, -57.4900, -26.4020

Square

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



52.3980, 94.0290, 41.5250



63.8270, -11.5000, -44.9080



77.6920, -75.4660, -8.9860



80.8130, -22.6570, 41.6870

Rectangle

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



52.3980, 94.0290, 41.5250



77.2030, 44.0640, -16.6400



77.6920, -75.4660, -8.9860



77.1630, -89.1330, 12.9390

Sweetspot

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



52.3980, 94.0290, 41.5250



174.2330, 36.4930, 15.9570



63.4040, 34.2800, 83.6240



82.5300, 22.2350, 10.0350



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



52.3980, 94.0290, 41.5250



68.3310, 122.4990, 54.2030



87.8000, 82.5280, 2.1440



78.5060, 4.4470, 2.0070



46.1900, 82.7510, 36.6630



6.2080, 11.2780, 4.8620

Inverse Universe

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



52.3980, 94.0290, 41.5250



68.3310, 122.4990, 54.2030



80.2000, -82.5280, -2.1440



78.5060, 4.4470, 2.0070



46.1900, 82.7510, 36.6630



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 52.3980, 94.0290, 41.5250 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 52.3980, 94.0290, 41.5250

Background



This preview shows how black text looks on a background with the YIQ color 52.3980, 94.0290, 41.5250.



This preview shows how white text looks on a background with the YIQ color 52.3980, 94.0290,

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

52.3980, 94.0290, 41.5250

Protanopia

82.1760, 22.3310, -13.7410

Deuteranopia

79.5400, 41.4970, -19.6790



Tritanopia

58.7380, 95.4070, 27.5590

Trichromacy



Original Color

52.3980, 94.0290, 41.5250

Protanomaly

71.4820, 48.5530, 6.6410

Deuteranomaly

69.8930, 60.3370, 2.3290

Tritanomaly

56.6010, 94.5350, 32.3510

Monochromacy



Original Color

52.3980, 94.0290, 41.5250

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.0370, 34.1090, 15.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.3980, 94.0290, 41.5250 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(168, 0, 19)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 19)  
}
```

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(168, 0, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 19) }
```

Border

The CSS property to change the border of an element to YIQ 52.3980, 94.0290, 41.5250 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(168, 0, 19) }
```


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

```
.border{ border-color:rgb(168, 0, 19) }
```

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

Here you see how a box with a 4 pixel rgb(168, 0, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 19);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.3980, 94.0290, 41.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 19) }
```

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

```
.background{ background-color: rgb(168, 0,  
19) }
```

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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