

Converting Colors

YIQ(54.5470, 103.7950, 40.7470)

Have a look what the booklet for
YIQ(54.5470, 103.7950, 40.7470)
contains.

YIQ(54.5470, 103.7950, 40.7470)	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(54.5470, 103.7950,
40.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	B30009
RGB	179, 0, 9
RGB Percent	70%, 0%, 4%
CMY	0.2976, 0.9999, 0.9643
CMYK	0.00, 1.00, 0.95, 0.30
HSL	357°, 100%, 35%
HSV	357°, 100%, 70%
XYZ	18.6657, 9.6168, 1.1338
YIQ	54.5470, 103.7950, 40.7470

Conversions

Conversions Part 2

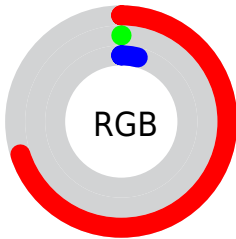
Format	Color
R_{YB}	179, 0, 9
Decimal	11730953
CIE _{Lab}	37.15, 61.55, 47.96
CIE _{LCh}	37, 78.029, 37.922
Yxy	9.6168, 0.6345, 0.3269
Android (android.graphics.Color)	4289921033 (0xFFB30009)
YUV	54.5470, -22.4547, 109.1453
Hunter-Lab	31.0109, 53.1715, 19.5399

Details

The YIQ color **54.5470, 103.7950, 40.7470** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **124.4530, -103.7950, -40.7470**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4140, 105.1270, 27.6150**, and **34.6840, 69.1360, 24.5920** is the 20% darker color. If you saturate the color by 10%, you get **54.5470, 103.7950, 40.7470**, and if you desaturate by 10%, it is **67.0510, 93.3880, 36.6200**.

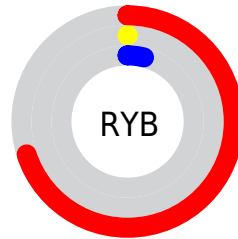
Distribution



Red (70%)

Green (0%)

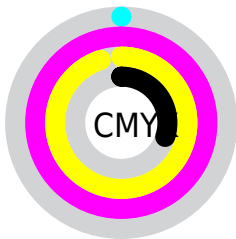
Blue (4%)



Red (70%)

Yellow (0%)

Blue (4%)

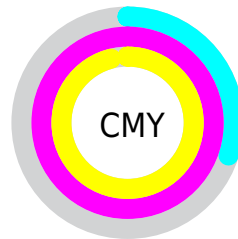


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (30%)



Cyan (30%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 54.5470, 103.7950, 40.7470 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 54.5470, 103.7950, 40.7470 by changing the saturation by 10% instead.


 54.5470, 103.7950,
40.7470


 54.5470, 103.7950,
40.7470


 253.4040, 4.4940,
-4.3540


 44.2520, 88.2080,
31.3760


 125.7130,
105.7230, 27.8270


 34.6840, 69.1360,
24.5920


 148.7610, 96.6000,
22.4560


 25.5290, 50.3390,
18.3310

 168.0470, 80.8750,
15.5870

 17.2710, 33.3300,
12.7060

 188.0340, 64.5540,
8.5060

 4.4850, 8.9400,
3.1800

 208.0210, 48.2330,
1.4250

 0.0000, 0.0000,
0.0000

 228.2360, 31.2700,

-5.0340

■ 248.9240, 14.3530,
-12.3270

■ 54.5470, 103.7950,
40.7470

■ 67.0510, 93.3880,
36.6200

■ 79.5550, 82.9810,
32.4930

■ 92.0590, 72.5740,
28.3660

■ 104.5630, 62.1670,
24.2390

■ 117.0670, 51.7600,
20.1120

■ 128.9840, 41.6280,
16.5080

■ 141.4880, 31.2210,
12.3810

■ 153.9920, 20.8140,
8.2540

■ 166.4960, 10.4070,
4.1270

Harmonies

Analogous

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



65.8440, 90.6780, 63.7180



54.5470, 103.7950, 40.7470



81.2110, 67.9490, -3.4670

Triad

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



54.5470, 103.7950, 40.7470



67.9730, -41.2100, -46.1220



78.5140, -94.3150, 18.7490

Complementary

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



54.5470, 103.7950, 40.7470



124.4530, -103.7950, -40.7470

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.



86.2930, -95.5510, 8.1050



54.5470, 103.7950, 40.7470



77.4860, -63.8630, -26.5430

Square

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



54.5470, 103.7950, 40.7470



60.4610, -28.3250, -53.8690



84.4400, -83.4440, -7.5720



86.6770, -16.1020, 49.5460

Rectangle

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



54.5470, 103.7950, 40.7470



82.4970, 43.0560, -20.4000



84.4400, -83.4440, -7.5720



82.1500, -96.2860, 15.9220

Sweetspot

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



54.5470, 103.7950, 40.7470



183.3860, 40.4360, 16.0840



70.3390, 42.0730, 91.0730



87.7860, 24.3900, 9.5260



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



54.5470, 103.7950, 40.7470



70.7360, 134.4200, 52.9160



99.3070, 85.2340, -2.8460



82.8050, 5.0430, 2.2190



46.6590, 88.6200, 34.9240



7.8880, 15.1750, 5.8230

Inverse Universe

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



54.5470, 103.7950, 40.7470



70.7360, 134.4200, 52.9160



80.2800, -85.5090, 2.3230



82.8050, 5.0430, 2.2190



46.6590, 88.6200, 34.9240



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 54.5470, 103.7950, 40.7470 looks on a white background.

Color Contrast Check

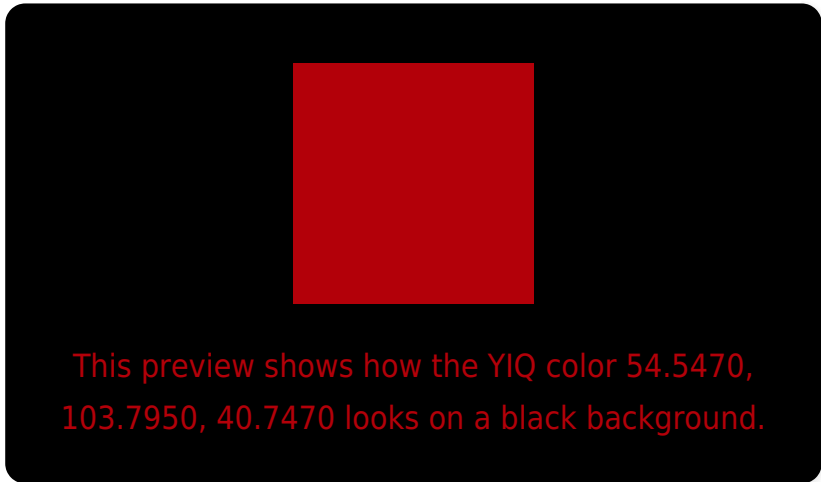
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.5470, 103.7950, 40.7470

Background



This preview shows how black text looks on a background with the YIQ color 54.5470, 103.7950, 40.7470.



This preview shows how white text looks on a background with the YIQ color 54.5470, 103.7950,

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

54.5470, 103.7950, 40.7470

Protanopia

86.5800, 26.8250, -18.0950

Deuteranopia

84.5680, 44.2940, -20.8100



Tritanopia

63.2010, 101.4130, 28.8450

Trichromacy



Original Color

54.5470, 103.7950, 40.7470

Protanomaly

74.8970, 54.5140, 3.2340

Deuteranomaly

73.8890, 66.1600, 1.4240

Tritanomaly

60.0210, 102.1000, 32.9160

Monochromacy



Original Color

54.5470, 103.7950, 40.7470

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7770, 37.7770, 14.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.5470, 103.7950, 40.7470 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(179, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 9)  
}
```

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(179, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 9) }
```

Border

The CSS property to change the border of an element to YIQ 54.5470, 103.7950, 40.7470 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(179, 0, 9) }
```


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

```
.border{ border-color:rgb(179, 0, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(179, 0, 9); box-shadow:4px  
4px 4px 4px rgb(179, 0, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 54.5470, 103.7950, 40.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 9) }
```

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

```
.background{ background-color: rgb(179, 0,  
9) }
```

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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