

Converting Colors

YIQ(53.6500, 102.0070, 40.1110)

Have a look what the booklet for
YIQ(53.6500, 102.0070, 40.1110)
contains.

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Color

**YIQ(53.6500, 102.0070,
40.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	B00009
RGB	176, 0, 9
RGB Percent	69%, 0%, 4%
CMY	0.3094, 0.9999, 0.9643
CMYK	0.00, 1.00, 0.95, 0.31
HSL	357°, 100%, 35%
HSV	357°, 100%, 69%
XYZ	17.9788, 9.2627, 1.1016
YIQ	53.6500, 102.0070, 40.1110

Conversions

Conversions Part 2

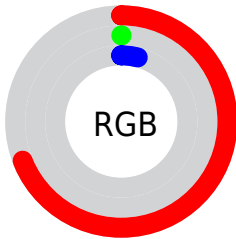
Format	Color
R_{YB}	176, 0, 9
Decimal	11534345
CIE Lab	36.49, 60.79, 47.23
CIE LCh	36, 76.984, 37.848
Yxy	9.2627, 0.6343, 0.3268
Android (android.graphics.Color)	4289724425 (0xFFB00009)
YUV	53.6500, -22.0124, 107.3010
Hunter-Lab	30.4346, 52.1858, 19.1581

Details

The YIQ color **53.6500, 102.0070, 40.1110** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **122.3500, -102.0070, -40.1110**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5170, 103.3390, 26.9790**, and **33.7870, 67.3480, 23.9560** is the 20% darker color. If you saturate the color by 10%, you get **53.6500, 102.0070, 40.1110**, and if you desaturate by 10%, it is **66.1540, 91.6000, 35.9840**.

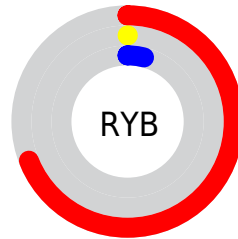
Distribution



Red (69%)

Green (0%)

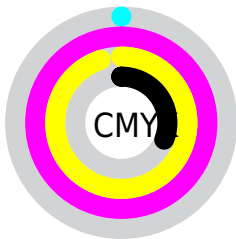
Blue (4%)



Red (69%)

Yellow (0%)

Blue (4%)

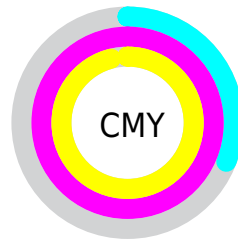


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (31%)



Cyan (31%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 53.6500, 102.0070, 40.1110 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 53.6500, 102.0070, 40.1110 by changing the saturation by 10% instead.


 53.6500, 102.0070,
40.1110


 53.6500, 102.0070,
40.1110


 253.4040, 4.4940,
-4.3540

 43.3550, 86.4200,
30.7400


 124.5170,
103.3390, 26.9790


 33.7870, 67.3480,
23.9560


 148.1740, 96.8750,
22.9790


 24.9310, 49.1470,
17.9070

 167.4600, 81.1500,
16.1100

 16.3740, 31.5420,
12.0700

 187.4470, 64.8290,
9.0290

 2.0930, 4.1720,
1.4840

 207.4340, 48.5080,
1.9480

 0.0000, 0.0000,
0.0000

 227.5350, 31.8660,

-4.8220

■ 248.3370, 14.6280,
-11.8040

■ 53.6500, 102.0070,
40.1110

■ 66.1540, 91.6000,
35.9840

■ 78.0710, 81.4680,
32.3800

■ 90.4610, 71.3820,
27.9420

■ 102.3780, 61.2500,
24.3380

■ 114.8820, 50.8430,
20.2110

■ 127.2720, 40.7570,
15.7730

■ 139.1890, 30.6250,
12.1690

■ 151.6930, 20.2180,
8.0420

■ 164.0830, 10.1320,
3.6040

Harmonies

Analogous

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



64.5340, 88.6150, 62.5590



53.6500, 102.0070, 40.1110



79.7270, 66.4360, -3.5800

Triad

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



53.6500, 102.0070, 40.1110



66.6850, -40.3390, -45.3870



76.8840, -92.4810, 18.5510

Complementary

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



53.6500, 102.0070, 40.1110



122.3500, -102.0070, -40.1110

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.



84.6630, -93.7170, 7.9070



53.6500, 102.0070, 40.1110



76.0840, -62.6710, -26.1190

Square

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



53.6500, 102.0070, 40.1110



59.8740, -28.0500, -53.3460



83.0380, -82.2520, -7.1480



85.0360, -15.7350, 48.4010

Rectangle

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



53.6500, 102.0070, 40.1110



80.7250, 42.4140, -19.7780



83.0380, -82.2520, -7.1480



80.5200, -94.4520, 15.7240

Sweetspot

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



53.6500, 102.0070, 40.1110



181.9730, 40.1610, 15.5610



69.1000, 41.2480, 89.5040



85.9000, 24.0690, 9.8370



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



53.6500, 102.0070, 40.1110



70.1380, 133.2280, 52.4920



97.2360, 83.9960, -2.4360



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.



53.6500, 102.0070, 40.1110



70.1380, 133.2280, 52.4920



78.7640, -83.9960, 2.4360



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 53.6500, 102.0070, 40.1110 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 53.6500, 102.0070, 40.1110

Background



This preview shows how black text looks on a background with the YIQ color 53.6500, 102.0070, 40.1110.



This preview shows how white text looks on a background with the YIQ color 53.6500, 102.0070,

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

53.6500, 102.0070, 40.1110

Protanopia

85.1070, 26.7790, -17.2610

Deuteranopia

82.7960, 43.6520, -20.1880



Tritanopia

61.7170, 99.9000, 28.7320

Trichromacy



Original Color

53.6500, 102.0070, 40.1110

Protanomaly

74.0110, 54.1930, 3.5450

Deuteranomaly

71.8180, 64.9220, 1.8340

Tritanomaly

58.5370, 100.5870, 32.8030

Monochromacy



Original Color

53.6500, 102.0070, 40.1110

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.5920, 36.8600, 14.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.6500, 102.0070, 40.1110 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(176, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 9) }
```

Border

The CSS property to change the border of an element to YIQ 53.6500, 102.0070, 40.1110 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(176, 0, 9) }
```


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

```
.border{ border-color:rgb(176, 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(176, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(176, 0, 9); box-shadow:4px  
4px 4px 4px rgb(176, 0, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 53.6500, 102.0070, 40.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 9) }
```

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

```
.background{ background-color: rgb(176, 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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