

Converting Colors

YIQ(104.5440, 54.0100, 1.3540)

Have a look what the booklet for
YIQ(104.5440, 54.0100, 1.3540)
contains.

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Color

**YIQ(104.5440, 54.0100,
1.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	9D592F
RGB	157, 89, 47
RGB Percent	62%, 35%, 18%
CMY	0.3842, 0.6511, 0.8154
CMYK	0.00, 0.43, 0.70, 0.38
HSL	23°, 54%, 40%
HSV	23°, 70%, 62%
XYZ	17.9957, 14.5173, 4.5496
YIQ	104.5440, 54.0100, 1.3540

Conversions

Conversions Part 2

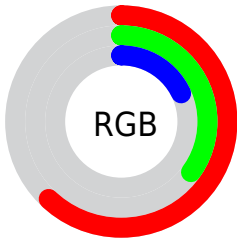
Format	Color
R _Y B	157, 115, 47
Decimal	10311983
CIE Lab	44.97, 24.33, 35.71
CIE LCh	45, 43.210, 55.739
Yxy	14.5173, 0.4855, 0.3917
Android (android.graphics.Color)	4288502063 (0xFF9D592F)
YUV	104.5440, -28.3692, 46.0039
Hunter-Lab	38.1016, 17.6294, 19.5914

Details

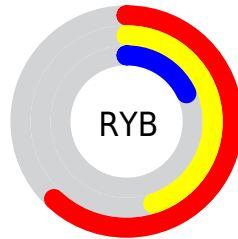
The YIQ color **104.5440, 54.0100, 1.3540** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **99.4560, -54.0100, -1.3540**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2950, 59.1450, 1.9050**, and **54.8530, 48.6460, -0.5540** is the 20% darker color. If you saturate the color by 10%, you get **96.8500, 61.8960, 1.6080**, and if you desaturate by 10%, it is **112.2380, 46.1240, 1.1000**.

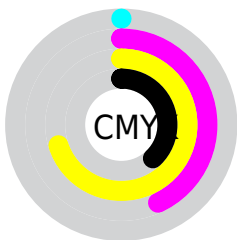
Distribution



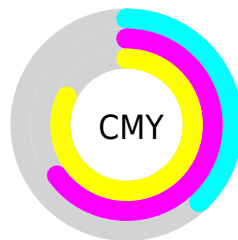
- Red (62%)
- Green (35%)
- Blue (18%)



- Red (62%)
- Yellow (45%)
- Blue (18%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.5440, 54.0100, 1.3540 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 104.5440, 54.0100, 1.3540 by changing the saturation by 10% instead.

■ 104.5440, 54.0100,
1.3540

■ 104.5440, 54.0100,
1.3540

■ 255.0000, -0.0000,
-0.0000

■ 79.4620, 51.3050,
0.8170

■ 157.5940, 59.7410,
2.1170

■ 54.8530, 48.6460,
-0.5540

■ 184.6760, 62.4460,
2.6540

■ 33.2790, 38.8790,
5.7510

■ 206.7670, 51.7640,
-1.9960

■ 14.0530, 28.0120,
9.9640

■ 226.2810, 35.3970,
-8.2430

■ 2.0930, 4.1720,
1.4840

■ 245.7950, 19.0300,
-14.4900

■ 0.0000, 0.0000,
0.0000

■ 252.0360, 8.3460,

-8.0860

■ 104.5440, 54.0100,
1.3540

■ 104.5440, 54.0100,
1.3540

■ 96.8500, 61.8960,
1.6080

■ 112.2380, 46.1240,
1.1000

■ 89.8570, 69.1860,
1.6500

■ 119.2310, 38.8340,
1.0580

■ 82.1630, 77.0720,
1.9040

■ 126.9250, 30.9480,
0.8040

■ 134.6190, 23.0620,
0.5500

■ 142.3130, 15.1760,
0.2960

■ 149.3060, 7.8860,
0.2540

■ 157.0000, 0.0000,
-0.0000

■ 164.6940, -7.8860,
-0.2540

■ 171.6870,
-15.1760, -0.2960

Harmonies

Analogous

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



105.1060, 56.0240, 19.9280



104.5440, 54.0100, 1.3540



102.7510, 39.5250, -16.9790

Triad

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



104.5440, 54.0100, 1.3540



84.1880, -66.2000, -33.7520



107.2080, -23.1120, 22.3920

Complementary

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



104.5440, 54.0100, 1.3540



99.4560, -54.0100, -1.3540

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.



86.0360, -87.9380, -3.2180



104.5440, 54.0100, 1.3540



88.4060, -78.0770, -22.2450

Square

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



104.5440, 54.0100, 1.3540



92.0880, -24.9360, -32.6800



89.2500, -85.9650, -11.4450



109.4210, 16.1330, 32.5250

Rectangle

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



104.5440, 54.0100, 1.3540



100.3960, 24.1670, -24.9930



89.2500, -85.9650, -11.4450



103.8360, -39.8000, 16.4560

Sweetspot

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



104.5440, 54.0100, 1.3540



183.2490, 21.2280, 0.7480



87.8700, 43.0900, 45.0900



89.7580, 12.4250, 0.5930



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



104.5440, 54.0100, 1.3540



122.2840, 84.0410, 2.2570



135.6550, 39.4350, -26.3650



75.1530, 3.9430, 0.1270



74.4550, 70.3780, 2.0740



8.0070, 7.2900, 0.0420

Inverse Universe

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



99.4560, -54.0100, -1.3540



114.7160, -84.0410, -2.2570



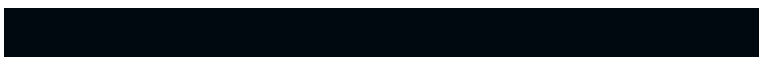
68.3450, -39.4350, 26.3650



74.8470, -3.9430, -0.1270



67.9580, -70.1030, -1.5510



6.9930, -7.2900, -0.0420

Previews

White Background



This preview shows how the YIQ color 104.5440, 54.0100, 1.3540 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 × Fail

Black Background



This preview shows how the YIQ color 104.5440, 54.0100, 1.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

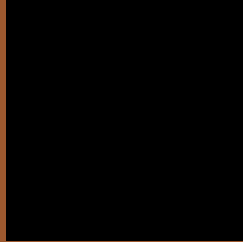
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 104.5440, 54.0100, 1.3540

Background



This preview shows how black text looks on a background with the YIQ color 104.5440, 54.0100, 1.3540.



This preview shows how white text looks on a background with the YIQ color 104.5440, 54.0100,

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

104.5440, 54.0100, 1.3540

Protanopia

104.1330, 23.8900, -14.4620

Deuteranopia

104.6570, 37.0940, -11.4660



Tritanopia

107.1090, 42.7740, 17.7660

Trichromacy



Original Color

104.5440, 54.0100, 1.3540

Protanomaly

103.9820, 34.8010, -8.4550

Deuteranomaly

104.5270, 43.5120, -6.6320

Tritanomaly

106.1600, 46.7640, 11.5320

Monochromacy



Original Color

104.5440, 54.0100, 1.3540

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7650, 19.7150, 0.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.5440, 54.0100, 1.3540 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(157, 89, 47)` looks like.

```
.text, #text, p{  
    color:rgb(157, 89, 47)  
}
```

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(157, 89, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 89, 47) }
```

Border

The CSS property to change the border of an element to YIQ 104.5440, 54.0100, 1.3540 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(157, 89, 47) }
```


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

```
.border{ border-color:rgb(157, 89, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 89, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 89, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 89, 47);  
box-shadow:4px 4px 4px 4px rgb(157, 89,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 104.5440, 54.0100, 1.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 89, 47) }
```

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

```
.background{ background-color: rgb(157, 89,  
47) }
```

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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