

Converting Colors

YIQ(95.4420, 36.8620, 3.7580)

Have a look what the booklet for
YIQ(95.4420, 36.8620, 3.7580)
contains.

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Color

**YIQ(95.4420, 36.8620,
3.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	85533D
RGB	133, 83, 61
RGB Percent	52%, 33%, 24%
CMY	0.4783, 0.6746, 0.7606
CMYK	0.00, 0.38, 0.54, 0.48
HSL	18°, 37%, 38%
HSV	18°, 54%, 52%
XYZ	13.6122, 11.5094, 5.9249
YIQ	95.4420, 36.8620, 3.7580

Conversions

Conversions Part 2

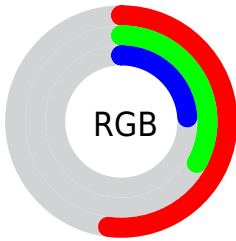
Format	Color
R_{YB}	133, 93, 61
Decimal	8737597
CIE Lab	40.43, 18.38, 21.50
CIE LCh	40, 28.286, 49.464
Yxy	11.5094, 0.4384, 0.3707
Android (android.graphics.Color)	4286927677 (0xFF85533D)
YUV	95.4420, -16.9799, 32.9384
Hunter-Lab	33.9255, 12.2513, 13.3932

Details

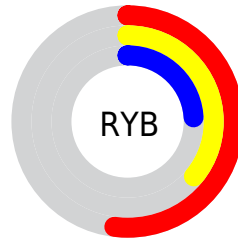
The YIQ color **95.4420, 36.8620, 3.7580** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **98.5580, -36.8620, -3.7580**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0080, 41.0800, 4.4080**, and **47.6910, 31.7270, 3.2070** is the 20% darker color. If you saturate the color by 10%, you get **88.6770, 43.5100, 4.4220**, and if you desaturate by 10%, it is **102.2070, 30.2140, 3.0940**.

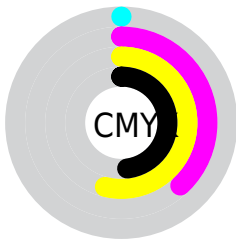
Distribution



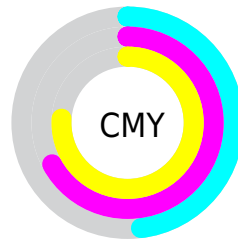
- Red (52%)
- Green (33%)
- Blue (24%)



- Red (52%)
- Yellow (36%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (54%)
- Black (48%)



- Cyan (48%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.4420, 36.8620, 3.7580 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 95.4420, 36.8620, 3.7580 by changing the saturation by 10% instead.

■ 95.4420, 36.8620,
3.7580

■ 95.4420, 36.8620,
3.7580

■ 255.0000, -0.0000,
-0.0000

■ 71.3600, 34.1570,
3.2210

■ 147.0080, 41.0800,
4.4080

■ 47.6910, 31.7270,
3.2070

■ 173.4920, 42.5930,
4.5210

■ 25.8370, 28.3800,
3.2920

■ 200.9760, 44.1060,
4.6340

■ 9.9810, 19.3470,
7.3070

■ 223.2950, 32.7820,
0.6060

■ 0.0000, 0.0000,
0.0000

■ 242.8090, 16.4150,
-5.6410

■ 253.7460, 3.5310,

-3.4210

■ 95.4420, 36.8620,
3.7580

■ 95.4420, 36.8620,
3.7580

■ 88.6770, 43.5100,
4.4220

■ 102.2070, 30.2140,
3.0940

■ 81.2110, 50.7540,
5.2980

■ 109.0860, 23.2450,
2.7410

■ 74.4460, 57.4020,
5.9620

■ 116.4380, 16.3220,
1.5540

■ 67.6810, 64.0500,
6.6260

■ 123.2030, 9.6740,
0.8900

■ 63.8340, 67.9930,
6.7530

■ 130.0820, 2.7050,
0.5370

■ 136.8470, -3.9430,
-0.1270

■ 144.1990,
-10.8660, -1.3140

■ 150.9640,
-17.5140, -1.9780

■ 157.8430,
-24.4830, -2.3310

Harmonies

Analogous

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



96.2930, 36.2640, 14.6000



95.4420, 36.8620, 3.7580



93.9860, 28.9780, -7.5500

Triad

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



95.4420, 36.8620, 3.7580



82.7790, -36.7670, -22.0070



95.2650, -19.2590, 13.1330

Complementary

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



95.4420, 36.8620, 3.7580



98.5580, -36.8620, -3.7580

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.



86.9190, -48.0040, -0.0680



95.4420, 36.8620, 3.7580



75.3490, -64.7350, -21.7510

Square

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



95.4420, 36.8620, 3.7580



88.6760, -8.6160, -20.0720



76.4550, -70.6050, -14.4850



98.3560, 5.5900, 19.8460

Rectangle

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



95.4420, 36.8620, 3.7580



92.7350, 19.2590, -13.1330



76.4550, -70.6050, -14.4850



93.3670, -28.4740, 9.4300

Sweetspot

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



95.4420, 36.8620, 3.7580



158.7690, 13.8920, 1.5400



88.2280, 26.8620, 30.8140



78.0180, 8.7570, 0.9890



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



95.4420, 36.8620, 3.7580



114.4460, 57.4020, 5.9620



116.5740, 26.9620, -15.0700



62.9680, 3.0260, 0.2260



62.3500, 66.4800, 6.6400



1.4840, 1.5130, 0.1130

Inverse Universe

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



98.5580, -36.8620, -3.7580



119.5540, -57.4020, -5.9620



77.4260, -26.9620, 15.0700



63.0320, -3.0260, -0.2260



67.6500, -66.4800, -6.6400



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 95.4420, 36.8620, 3.7580 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 95.4420, 36.8620, 3.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

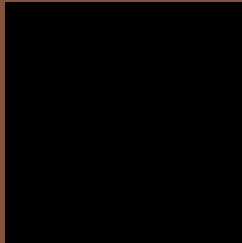
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.4420, 36.8620, 3.7580

Background



This preview shows how black text looks on a background with the YIQ color 95.4420, 36.8620, 3.7580.



This preview shows how white text looks on a background with the YIQ color 95.4420, 36.8620,

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

95.4420, 36.8620, 3.7580

Protanopia

94.6730, 13.8020, -7.8460

Deuteranopia

94.8270, 25.1720, -4.6520



Tritanopia

97.1290, 30.8540, 13.5260

Trichromacy



Original Color

95.4420, 36.8620, 3.7580

Protanomaly

94.7990, 22.3750, -3.5210

Deuteranomaly

94.9740, 29.2520, -1.5000

Tritanomaly

96.3910, 32.8720, 9.9920

Monochromacy



Original Color

95.4420, 36.8620, 3.7580

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.4700, 13.2960, 1.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4420, 36.8620, 3.7580 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(133, 83, 61)` looks like.

```
.text, #text, p{  
    color:rgb(133, 83, 61)  
}
```

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(133, 83, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 83, 61) }
```

Border

The CSS property to change the border of an element to YIQ 95.4420, 36.8620, 3.7580 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(133, 83, 61) }
```


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

```
.border{ border-color:rgb(133, 83, 61) }
```

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

Here you see how a box with a 4 pixel rgb(133, 83, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 83, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 83, 61);  
box-shadow:4px 4px 4px 4px rgb(133, 83,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4420, 36.8620, 3.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 83, 61) }
```

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

```
.background{ background-color: rgb(133, 83,  
61) }
```

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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