

Converting Colors

YIQ(88.3500, 41.2580, 34.2340)

Have a look what the booklet for
YIQ(88.3500, 41.2580, 34.2340)
contains.

YIQ(88.3500, 41.2580, 34.2340)	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(88.3500, 41.2580,
34.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	953765
RGB	149, 55, 101
RGB Percent	58%, 22%, 40%
CMY	0.4154, 0.7844, 0.6038
CMYK	0.00, 0.63, 0.32, 0.42
HSL	331°, 46%, 40%
HSV	331°, 63%, 58%
XYZ	16.1211, 10.0645, 13.4133
YIQ	88.3500, 41.2580, 34.2340

Conversions

Conversions Part 2

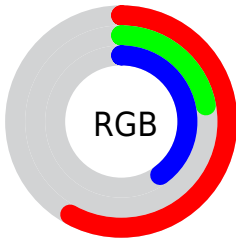
Format	Color
R_{YB}	149, 55, 101
Decimal	9779045
CIE Lab	37.96, 44.19, -6.48
CIE LCh	38, 44.668, 351.653
Yxy	10.0645, 0.4071, 0.2542
Android (android.graphics.Color)	4287969125 (0xFF953765)
YUV	88.3500, 6.2365, 53.1901
Hunter-Lab	31.7246, 35.1880, -2.8609

Details

The YIQ color **88.3500, 41.2580, 34.2340** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.6500, -41.2580, -34.2340**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.7310, 44.5590, 34.9830**, and **34.2620, 38.6900, 36.7220** is the 20% darker color. If you saturate the color by 10%, you get **78.6330, 47.9510, 39.5910**, and if you desaturate by 10%, it is **98.0670, 34.5650, 28.8770**.

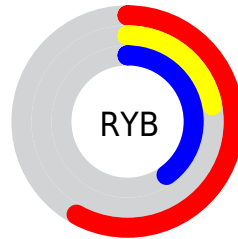
Distribution



Red (58%)

Green (22%)

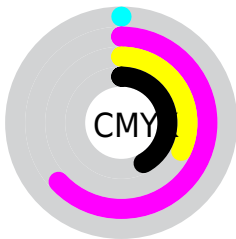
Blue (40%)



Red (58%)

Yellow (22%)

Blue (40%)

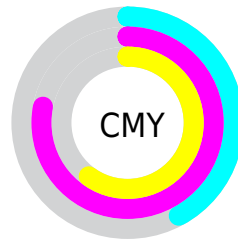


Cyan (0%)

Magenta (63%)

Yellow (32%)

Black (42%)



Cyan (42%)

Magenta (78%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.3500, 41.2580, 34.2340 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 88.3500, 41.2580, 34.2340 by changing the saturation by 10% instead.

88.3500, 41.2580,
34.2340

88.3500, 41.2580,
34.2340

255.0000, -0.0000,
-0.0000

61.1050, 40.5700,
35.6900

141.7310, 44.5590,
34.9830

34.5610, 39.2860,
36.9340

169.3290, 45.7510,
35.4070

24.0940, 29.9350,
24.6790

194.2360, 41.5790,
33.9230

14.7800, 24.5270,
12.5510

213.8640, 24.8910,
27.9870

0.0000, 0.0000,
0.0000

232.6940, 10.4500,
19.8740

249.7170, 2.4750,

4.7070

■ 88.3500, 41.2580,
34.2340

■ 88.3500, 41.2580,
34.2340

■ 78.6330, 47.9510,
39.5910

■ 98.0670, 34.5650,
28.8770

■ 69.0300, 54.3230,
45.2590

■ 107.6700, 28.1930,
23.2090

■ 59.3130, 61.0160,
50.6160

■ 117.3870, 21.5000,
17.8520

■ 52.8730, 65.3710,
54.2910

■ 126.9900, 15.1280,
12.1840

■ 136.1200, 8.7100,
7.3500

■ 145.8370, 2.0170,
1.9930

■ 155.4400, -4.3550,
-3.6750

■ 165.1570,
-11.0480, -9.0320

■ 174.8740,
-17.7410, -14.3890

Harmonies

Analogous

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



92.0830, 11.2730, 32.4970



88.3500, 41.2580, 34.2340



86.3280, 55.5190, 23.5750

Triad

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



88.3500, 41.2580, 34.2340



81.5370, 19.2160, -28.8800



77.5780, -75.1450, -9.2970

Complementary

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



88.3500, 41.2580, 34.2340



115.6500, -41.2580, -34.2340

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.



75.3320, -66.0650, -19.6730



88.3500, 41.2580, 34.2340



74.8280, -21.2680, -33.0760

Square

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



88.3500, 41.2580, 34.2340



84.7900, 43.7890, -17.1630



71.1140, -54.1880, -31.1800



74.7060, -78.0810, -0.1370

Rectangle

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



88.3500, 41.2580, 34.2340



86.4230, 56.2090, 11.0650



71.1140, -54.1880, -31.1800



77.2530, -72.8520, -12.3080

Sweetspot

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



88.3500, 41.2580, 34.2340



170.1150, 16.2740, 13.4420



79.7690, -2.1620, 39.1980



82.8320, 9.5810, 8.0850



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



88.3500, 41.2580, 34.2340



99.1610, 64.5000, 53.5560



83.1060, 56.0240, 19.9280



69.4350, 3.2090, 2.4170



48.9000, 60.7410, 50.0930



3.5600, 4.3550, 3.6750

Inverse Universe

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



88.3500, 41.2580, 34.2340



99.1610, 64.5000, 53.5560



120.8940, -56.0240, -19.9280



69.4350, 3.2090, 2.4170



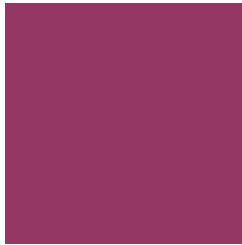
48.9000, 60.7410, 50.0930



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 88.3500, 41.2580, 34.2340 looks on a white background.

Color Contrast Check

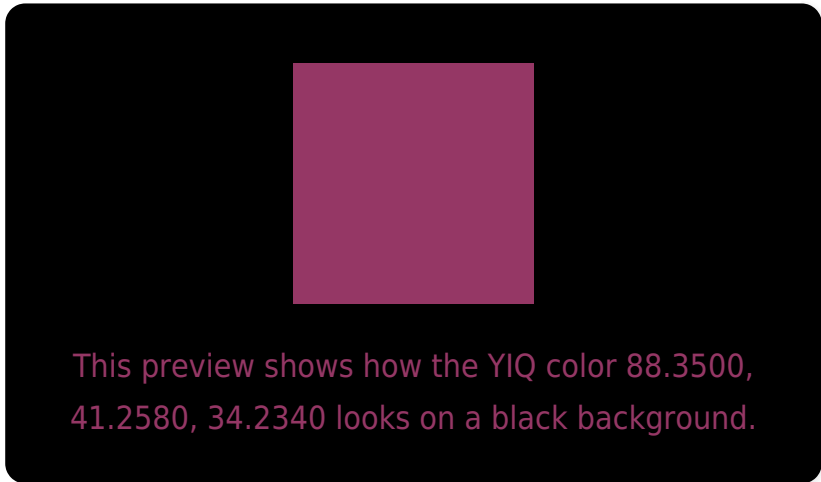
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

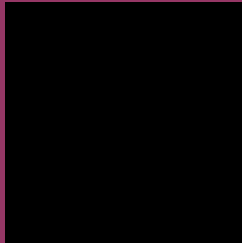
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.3500, 41.2580, 34.2340

Background



This preview shows how black text looks on a background with the YIQ color 88.3500, 41.2580, 34.2340.



This preview shows how white text looks on a background with the YIQ color 88.3500, 41.2580,

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

88.3500, 41.2580, 34.2340

Protanopia

90.2990, -16.5990, 8.9770

Deuteranopia

91.3040, 2.2000, 4.1840



Tritanopia

88.2730, 48.1840, 18.8400

Trichromacy



Original Color

88.3500, 41.2580, 34.2340

Protanomaly

89.8180, 4.1690, 18.0650

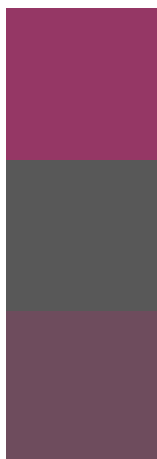
Deuteranomaly

90.1690, 16.1820, 15.1100

Tritanomaly

88.1790, 45.7530, 24.3530

Monochromacy



Original Color

88.3500, 41.2580, 34.2340

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.1040, 14.8070, 12.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.3500, 41.2580, 34.2340 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(149, 55, 101)` looks like.

```
.text, #text, p{  
    color:rgb(149, 55, 101)  
}
```

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(149, 55, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 55, 101) }
```

Border

The CSS property to change the border of an element to YIQ 88.3500, 41.2580, 34.2340 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(149, 55, 101) }
```


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

```
.border{ border-color:rgb(149, 55, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 55, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 55, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 55, 101);  
box-shadow:4px 4px 4px 4px rgb(149, 55,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 88.3500, 41.2580, 34.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 55, 101) }
```

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

```
.background{ background-color: rgb(149, 55,  
101) }
```

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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