

Converting Colors

YIQ(90.3890, 44.3810, 5.1570)

Have a look what the booklet for
YIQ(90.3890, 44.3810, 5.1570)
contains.

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Color

**YIQ(90.3890, 44.3810,
5.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	884B32
RGB	136, 75, 50
RGB Percent	53%, 29%, 20%
CMY	0.4665, 0.7060, 0.8037
CMYK	0.00, 0.45, 0.63, 0.47
HSL	17°, 46%, 36%
HSV	17°, 63%, 53%
XYZ	13.2498, 10.4964, 4.3509
YIQ	90.3890, 44.3810, 5.1570

Conversions

Conversions Part 2

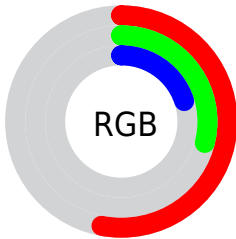
Format	Color
R_{YB}	136, 85, 50
Decimal	8932146
CIE _{Lab}	38.72, 23.40, 25.97
CIE _{LCh}	39, 34.953, 47.980
Yxy	10.4964, 0.4716, 0.3736
Android (android.graphics.Color)	4287122226 (0xFF884B32)
YUV	90.3890, -19.9118, 40.0008
Hunter-Lab	32.3981, 16.3043, 14.7163

Details

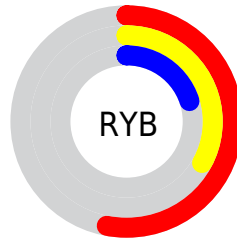
The YIQ color **90.3890, 44.3810, 5.1570** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **95.6110, -44.3810, -5.1570**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.1400, 49.5160, 5.7080**, and **41.9970, 39.6130, 3.4610** is the 20% darker color. If you saturate the color by 10%, you get **82.9230, 51.6250, 6.0330**, and if you desaturate by 10%, it is **97.8550, 37.1370, 4.2810**.

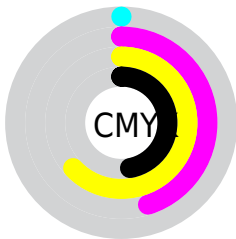
Distribution



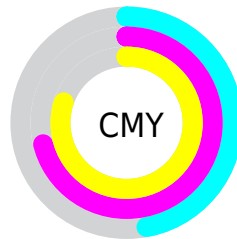
- Red (53%)
- Green (29%)
- Blue (20%)



- Red (53%)
- Yellow (33%)
- Blue (20%)



- Cyan (0%)
- Magenta (45%)
- Yellow (63%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.3890, 44.3810, 5.1570 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 90.3890, 44.3810, 5.1570 by changing the saturation by 10% instead.

■ 90.3890, 44.3810,
5.1570

■ 90.3890, 44.3810,
5.1570

■ 255.0000, -0.0000,
-0.0000

■ 66.3070, 41.6760,
4.6200

■ 142.1400, 49.5160,
5.7080

■ 42.1110, 39.2920,
3.7720

■ 168.9230, 51.6250,
6.0330

■ 20.8530, 31.4510,
8.2110

■ 196.7060, 53.7340,
6.3580

■ 9.6820, 18.7510,
7.0950

■ 216.5300, 39.4300,
1.2700

■ 0.0000, 0.0000,
0.0000

■ 236.6310, 22.7880,
-5.5000

■ 252.1500, 8.0250,

-7.7750

■ 90.3890, 44.3810,
5.1570

■ 90.3890, 44.3810,
5.1570

■ 82.9230, 51.6250,
6.0330

■ 97.8550, 37.1370,
4.2810

■ 76.1580, 58.2730,
6.6970

■ 104.6200, 30.4890,
3.6170

■ 68.6920, 65.5170,
7.5730

■ 112.0860, 23.2450,
2.7410

■ 63.5570, 70.3310,
8.4350

■ 119.4380, 16.3220,
1.5540

■ 126.3170, 9.3530,
1.2010

■ 133.7830, 2.1090,
0.3250

■ 141.1350, -4.8140,
-0.8620

■ 148.0140,
-11.7830, -1.2150

■ 155.3660,
-18.7060, -2.4020

Harmonies

Analogous

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



90.9350, 43.3240, 18.8120



90.3890, 44.3810, 5.1570



89.3410, 35.1680, -9.6000

Triad

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



90.3890, 44.3810, 5.1570



70.5270, -53.9130, -30.6570



90.0130, -27.2370, 14.5470

Complementary

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



90.3890, 44.3810, 5.1570



95.6110, -44.3810, -5.1570

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.



74.1700, -73.8160, -5.8480



90.3890, 44.3810, 5.1570



73.9470, -63.5430, -21.3270

Square

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



90.3890, 44.3810, 5.1570



82.5570, -9.8990, -24.3550



75.6230, -71.0180, -12.5060



94.2900, 5.9560, 24.2280

Rectangle

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



90.3890, 44.3810, 5.1570



87.5520, 24.0280, -16.9640



75.6230, -71.0180, -12.5060



86.9080, -40.3030, 9.0490

Sweetspot

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



90.3890, 44.3810, 5.1570



158.1500, 17.1930, 2.2890



82.7820, 31.3540, 37.5140



78.5020, 10.2700, 1.1020



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



90.3890, 44.3810, 5.1570



104.9590, 69.1390, 8.0110



115.0430, 32.8310, -16.8090



65.2670, 3.6220, 0.4380



62.0730, 68.8180, 8.3220



2.0820, 2.7050, 0.5370

Inverse Universe

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



95.6110, -44.3810, -5.1570



113.0410, -69.1390, -8.0110



70.9570, -32.8310, 16.8090



65.7330, -3.6220, -0.4380



70.3400, -68.5430, -7.7990



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 90.3890, 44.3810, 5.1570 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 90.3890, 44.3810, 5.1570 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 90.3890, 44.3810, 5.1570

Background



This preview shows how black text looks on a background with the YIQ color 90.3890, 44.3810, 5.1570.



This preview shows how white text looks on a background with the YIQ color 90.3890, 44.3810,

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

90.3890, 44.3810, 5.1570

Protanopia

90.2880, 16.3240, -9.5000

Deuteranopia

90.2140, 28.3360, -6.9280



Tritanopia

92.3040, 37.7310, 15.5470

Trichromacy



Original Color

90.3890, 44.3810, 5.1570

Protanomaly

90.4250, 26.3640, -4.2280

Deuteranomaly

90.3720, 33.8830, -2.8290

Tritanomaly

91.4520, 40.0700, 11.7020

Monochromacy



Original Color

90.3890, 44.3810, 5.1570

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.4380, 16.3220, 1.5540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.3890, 44.3810, 5.1570 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(136, 75, 50)` looks like.

```
.text, #text, p{  
    color:rgb(136, 75, 50)  
}
```

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(136, 75, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 75, 50) }
```

Border

The CSS property to change the border of an element to YIQ 90.3890, 44.3810, 5.1570 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(136, 75, 50) }
```


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

```
.border{ border-color:rgb(136, 75, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 75, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 75, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 75, 50);  
box-shadow:4px 4px 4px 4px rgb(136, 75,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 90.3890, 44.3810, 5.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 75, 50) }
```

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

```
.background{ background-color: rgb(136, 75,  
50) }
```

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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