

Converting Colors

YIQ(92.4430, 44.2890, 6.8250)

Have a look what the booklet for
YIQ(92.4430, 44.2890, 6.8250)
contains.

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Color

**YIQ(92.4430, 44.2890,
6.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4C37
RGB	139, 76, 55
RGB Percent	55%, 30%, 22%
CMY	0.4548, 0.7020, 0.7841
CMYK	0.00, 0.45, 0.60, 0.45
HSL	15°, 43%, 38%
HSV	15°, 60%, 55%
XYZ	13.9267, 10.9335, 4.9969
YIQ	92.4430, 44.2890, 6.8250

Conversions

Conversions Part 2

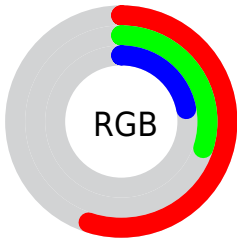
Format	Color
R _Y B	139, 83, 55
Decimal	9129015
CIE Lab	39.47, 24.51, 24.03
CIE LCh	39, 34.324, 44.434
Yxy	10.9335, 0.4664, 0.3662
Android (android.graphics.Color)	4287319095 (0xFF8B4C37)
YUV	92.4430, -18.4594, 40.8305
Hunter-Lab	33.0658, 17.3153, 14.1861

Details

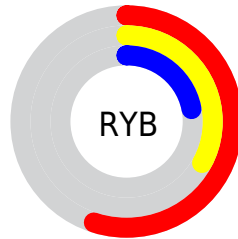
The YIQ color **92.4430, 44.2890, 6.8250** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **101.5570, -44.2890, -6.8250**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.1940, 49.4240, 7.3760**, and **44.3930, 38.5580, 6.0620** is the 20% darker color. If you saturate the color by 10%, you get **84.9770, 51.5330, 7.7010**, and if you desaturate by 10%, it is **99.9090, 37.0450, 5.9490**.

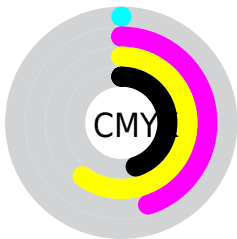
Distribution



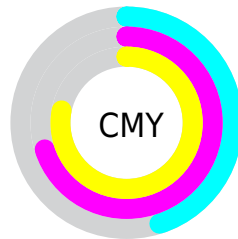
- Red (55%)
- Green (30%)
- Blue (22%)



- Red (55%)
- Yellow (33%)
- Blue (22%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.4430, 44.2890, 6.8250 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 92.4430, 44.2890, 6.8250 by changing the saturation by 10% instead.

92.4430, 44.2890,
6.8250

92.4430, 44.2890,
6.8250

255.0000, -0.0000,
-0.0000

67.7740, 41.8590,
6.8110

144.1940, 49.4240,
7.3760

44.3930, 38.5580,
6.0620

170.9770, 51.5330,
7.7010

21.7500, 33.2390,
8.8470

198.8740, 53.3210,
8.3370

10.8780, 21.1350,
7.9430

218.2740, 37.2750,
1.7790

0.0000, 0.0000,
0.0000

237.9020, 20.5870,
-4.1570

252.8340, 6.0990,

-5.9090

■ 92.4430, 44.2890,
6.8250

■ 92.4430, 44.2890,
6.8250

■ 84.9770, 51.5330,
7.7010

■ 99.9090, 37.0450,
5.9490

■ 76.9240, 59.0520,
9.1000

■ 107.9620, 29.5260,
4.5500

■ 69.4580, 66.2960,
9.9760

■ 115.4280, 22.2820,
3.6740

■ 62.1060, 73.2190,
11.1630

■ 123.4810, 14.7630,
2.2750

■ 130.9470, 7.5190,
1.3990

■ 138.8860, 0.3210,
-0.3110

■ 146.3520, -6.9230,
-1.1870

■ 153.8180,
-14.1670, -2.0630

■ 161.8710,
-21.6860, -3.4620

Harmonies

Analogous

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



92.9780, 41.7650, 19.5330



92.4430, 44.2890, 6.8250



90.9930, 36.2680, -7.5080

Triad

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



92.4430, 44.2890, 6.8250



74.5880, -46.7150, -28.9470



91.1050, -30.4920, 12.9640

Complementary

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



92.4430, 44.2890, 6.8250



101.5570, -44.2890, -6.8250

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.



75.3440, -74.3660, -6.8940



92.4430, 44.2890, 6.8250



74.8930, -63.4510, -22.9950

Square

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



92.4430, 44.2890, 6.8250



85.1230, -5.6810, -23.7050



76.5690, -70.9260, -14.1740



95.6100, 2.0590, 23.2670

Rectangle

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



92.4430, 44.2890, 6.8250



89.9760, 25.7700, -15.4940



76.5690, -70.9260, -14.1740



87.7010, -44.1540, 7.2540

Sweetspot

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



92.4430, 44.2890, 6.8250



163.1500, 17.1930, 2.2890



87.4120, 29.5200, 37.7120



80.9150, 10.5450, 1.6250



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



92.4430, 44.2890, 6.8250



108.6540, 68.6800, 10.8240



116.5100, 33.0140, -14.6180



65.2670, 3.6220, 0.4380



59.1380, 70.1930, 10.9370



2.0820, 2.7050, 0.5370

Inverse Universe

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



101.5570, -44.2890, -6.8250



123.3460, -68.6800, -10.8240



77.4900, -33.0140, 14.6180



65.7330, -3.6220, -0.4380



73.8620, -70.1930, -10.9370



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 92.4430, 44.2890, 6.8250 looks on a white background.

Color Contrast Check

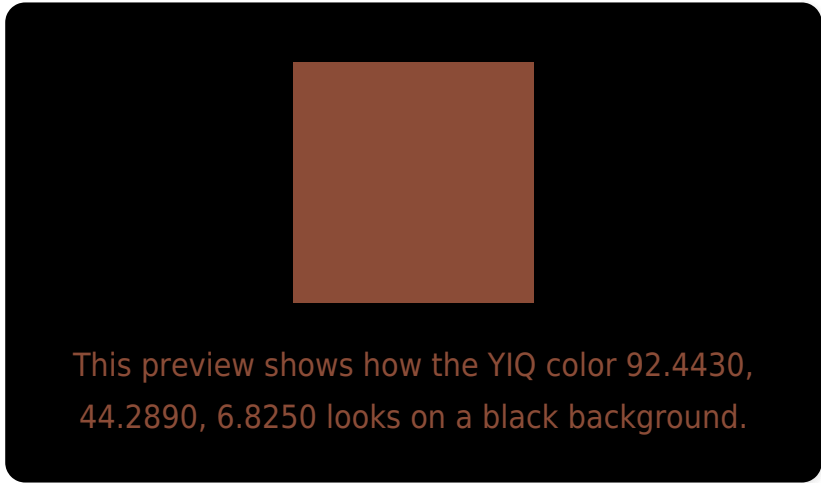
Large Text (above 18pt) WCAG AA ✓ Pass

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

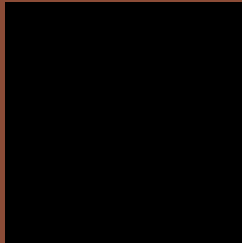
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.4430, 44.2890, 6.8250

Background



This preview shows how black text looks on a background with the YIQ color 92.4430, 44.2890, 6.8250.



This preview shows how white text looks on a background with the YIQ color 92.4430, 44.2890,

6.8250.

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

92.4430, 44.2890, 6.8250

Protanopia

92.1570, 15.3150, -7.7330

Deuteranopia

92.2570, 26.7770, -6.2070



Tritanopia

93.9020, 38.9230, 15.9710

Trichromacy



Original Color

92.4430, 44.2890, 6.8250

Protanomaly

92.1800, 25.6760, -2.7720

Deuteranomaly

92.1270, 33.1950, -1.3730

Tritanomaly

93.2780, 40.6200, 12.7480

Monochromacy



Original Color

92.4430, 44.2890, 6.8250

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0790, 15.9550, 2.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.4430, 44.2890, 6.8250 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(139, 76, 55)` looks like.

```
.text, #text, p{  
    color:rgb(139, 76, 55)  
}
```

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(139, 76, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 76, 55) }
```

Border

The CSS property to change the border of an element to YIQ 92.4430, 44.2890, 6.8250 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(139, 76, 55) }
```


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

```
.border{ border-color:rgb(139, 76, 55) }
```

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

Here you see how a box with a 4 pixel rgb(139, 76, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 76, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 76, 55);  
box-shadow:4px 4px 4px 4px rgb(139, 76,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 92.4430, 44.2890, 6.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 76, 55) }
```

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

```
.background{ background-color: rgb(139, 76,  
55) }
```

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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