

Converting Colors

YIQ(89.2450, 44.2460, -8.9220)

Have a look what the booklet for
YIQ(89.2450, 44.2460, -8.9220)
contains.

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Color

**YIQ(89.2450, 44.2460,
-8.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5319
RGB	126, 83, 25
RGB Percent	49%, 33%, 10%
CMY	0.5058, 0.6746, 0.9017
CMYK	0.00, 0.34, 0.80, 0.51
HSL	34°, 67%, 30%
HSV	34°, 80%, 49%
XYZ	11.8746, 10.6911, 2.3606
YIQ	89.2450, 44.2460, -8.9220

Conversions

Conversions Part 2

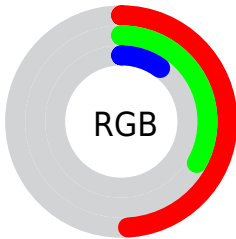
Format	Color
RYB	100, 126, 25
Decimal	8278809
CIELab	39.06, 12.65, 39.15
CIElCh	39, 41.147, 72.097
Yxy	10.6911, 0.4764, 0.4289
Android (android.graphics.Color)	4286468889 (0xFF7E5319)
YUV	89.2450, -31.6728, 32.2341
Hunter-Lab	32.6972, 7.6056, 18.6075

Details

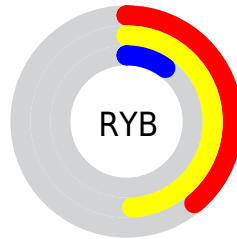
The YIQ color **89.2450, 44.2460, -8.9220** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **61.7550, -44.2460, 8.9220**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.2240, 48.7390, -7.7490**, and **44.1330, 33.0580, -4.3980** is the 20% darker color. If you saturate the color by 10%, you get **84.8280, 49.7940, -10.3500**, and if you desaturate by 10%, it is **93.6620, 38.6980, -7.4940**.

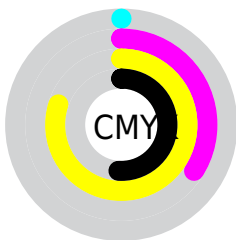
Distribution



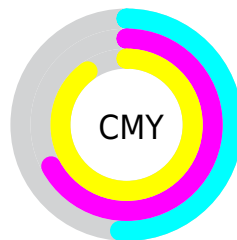
- Red (49%)
- Green (33%)
- Blue (10%)



- Red (39%)
- Yellow (49%)
- Blue (10%)



- Cyan (0%)
- Magenta (34%)
- Yellow (80%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.2450, 44.2460, -8.9220 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 89.2450, 44.2460, -8.9220 by changing the saturation by 10% instead.

89.2450, 44.2460,
-8.9220

89.2450, 44.2460,
-8.9220

255.0000, -0.0000,
-0.0000

64.8210, 42.5040,
-10.3920

140.2240, 48.7390,
-7.7490

44.1330, 33.0580,
-4.3980

167.5940, 50.5730,
-7.9470

24.3200, 22.4660,
0.3380

194.6760, 53.2780,
-7.4100

5.9800, 11.9200,
4.2400

218.3760, 45.2550,
-10.6890

0.0000, 0.0000,
0.0000

238.4770, 28.6130,
-17.4590

249.1860, 16.3710,

-15.8610

■ 252.4920, 7.0620,
-6.8420

■ 89.2450, 44.2460,
-8.9220

■ 89.2450, 44.2460,
-8.9220

■ 84.8280, 49.7940,
-10.3500

■ 93.6620, 38.6980,
-7.4940

■ 79.9380, 55.2960,
-10.9440

■ 98.5520, 33.1960,
-6.9000

■ 102.9690, 27.6480,
-5.4720

■ 107.2720, 22.4210,
-4.3550

■ 112.2760, 16.5980,
-3.4500

■ 116.6930, 11.0500,
-2.0220

■ 121.5830, 5.5480,
-1.4280

■ 126.0000, 0.0000,
0.0000

■ 130.3030, -5.2270,
1.1170

Harmonies

Analogous

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



90.3300, 52.0370, 9.5810



89.2450, 44.2460, -8.9220



87.0480, 25.2670, -22.9010

Triad

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



89.2450, 44.2460, -8.9220



75.3660, -63.4050, -23.8290



94.5760, -0.6010, 27.4230

Complementary

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



89.2450, 44.2460, -8.9220



61.7550, -44.2460, 8.9220

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.



86.9770, -44.7510, 12.5690



89.2450, 44.2460, -8.9220



78.3130, -73.0810, -13.6650

Square

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



89.2450, 44.2460, -8.9220



70.7890, -51.8950, -34.1910



76.9570, -77.5300, -4.6180



92.9080, 30.7590, 31.7750

Rectangle

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



89.2450, 44.2460, -8.9220



84.0610, 6.0570, -27.1830



76.9570, -77.5300, -4.6180



93.8240, -13.1630, 23.8050

Sweetspot

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



89.2450, 44.2460, -8.9220



149.1620, 16.9190, -3.7610



60.2150, 46.0720, 35.0960



73.3940, 10.4540, -2.2340



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



89.2450, 44.2460, -8.9220



105.8870, 68.5010, -13.4750



112.3930, 28.2490, -32.8950



61.4410, 3.0720, -0.6080



81.1230, 56.2130, -11.0430



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.7550, -44.2460, 8.9220



63.5260, -68.2260, 13.9980



38.6070, -28.2490, 32.8950



59.5590, -3.0720, 0.6080



46.2900, -55.9380, 11.5660



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 89.2450, 44.2460, -8.9220 looks on a white background.

Color Contrast Check

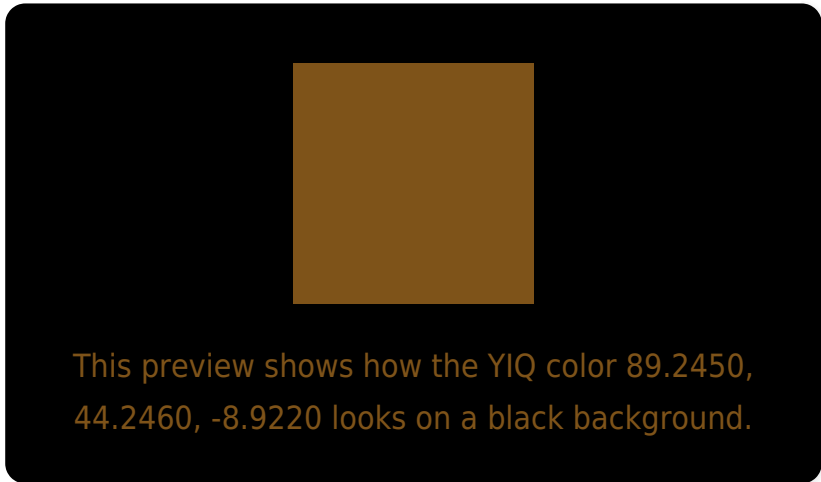
Large Text (above 18pt) WCAG AA ✓ Pass

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

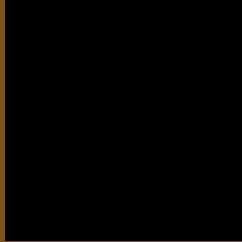
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.2450, 44.2460, -8.9220

Background



This preview shows how black text looks on a background with the YIQ color 89.2450, 44.2460, -8.9220.



This preview shows how white text looks on a background with the YIQ color 89.2450, 44.2460, -8.9220.

-8.9220.

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

89.2450, 44.2460, -8.9220

Protanopia

88.8790, 27.4210, -17.8830

Deuteranopia

88.9620, 37.5530, -14.2790



Tritanopia

93.8190, 28.7910, 12.3670

Trichromacy



Original Color

89.2450, 44.2460, -8.9220

Protanomaly

88.8090, 33.6100, -14.4060

Deuteranomaly

89.0980, 40.1660, -12.0740

Tritanomaly

92.3000, 34.3860, 4.5780

Monochromacy



Original Color

89.2450, 44.2460, -8.9220

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.0910, 15.6810, -3.3510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.2450, 44.2460, -8.9220 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(126, 83, 25)` looks like.

```
.text, #text, p{  
    color:rgb(126, 83, 25)  
}
```

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(126, 83, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 83, 25) }
```

Border

The CSS property to change the border of an element to YIQ 89.2450, 44.2460, -8.9220 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(126, 83, 25) }
```


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

```
.border{ border-color:rgb(126, 83, 25) }
```

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

Here you see how a box with a 4 pixel rgb(126, 83, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 83, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 83, 25);  
box-shadow:4px 4px 4px 4px rgb(126, 83,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 89.2450, 44.2460, -8.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 83, 25) }
```

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

```
.background{ background-color: rgb(126, 83,  
25) }
```

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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