

Converting Colors

YIQ(68.2490, 56.7590, 12.1110)

Have a look what the booklet for
YIQ(68.2490, 56.7590, 12.1110)
contains.

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Color

**YIQ(68.2490, 56.7590,
12.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	822D1A
RGB	130, 45, 26
RGB Percent	51%, 18%, 10%
CMY	0.4900, 0.8236, 0.8978
CMYK	0.00, 0.65, 0.80, 0.49
HSL	11°, 67%, 31%
HSV	11°, 80%, 51%
XYZ	10.3375, 6.6986, 1.7290
YIQ	68.2490, 56.7590, 12.1110

Conversions

Conversions Part 2

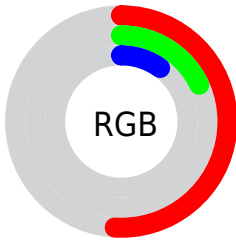
Format	Color
R_{YB}	130, 49, 26
Decimal	8531226
CIE Lab	31.11, 35.61, 30.96
CIE LCh	31, 47.181, 41.003
Yxy	6.6986, 0.5509, 0.3570
Android (android.graphics.Color)	4286721306 (0xFF822D1A)
YUV	68.2490, -20.8288, 54.1556
Hunter-Lab	25.8816, 26.0031, 14.1563

Details

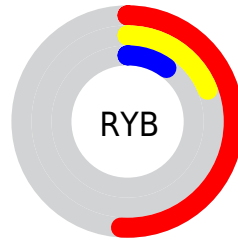
The YIQ color **68.2490, 56.7590, 12.1110** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **87.7510, -56.7590, -12.1110**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0710, 63.1320, 12.2520**, and **22.1260, 44.1040, 15.6880** is the 20% darker color. If you saturate the color by 10%, you get **60.3100, 63.9570, 13.8210**, and if you desaturate by 10%, it is **76.1880, 49.5610, 10.4010**.

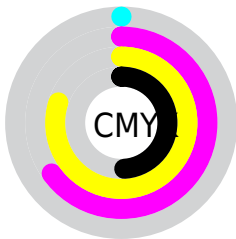
Distribution



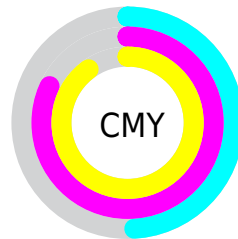
- Red (51%)
- Green (18%)
- Blue (10%)



- Red (51%)
- Yellow (19%)
- Blue (10%)



- Cyan (0%)
- Magenta (65%)
- Yellow (80%)
- Black (49%)



- Cyan (49%)
- Magenta (82%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.2490, 56.7590, 12.1110 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 68.2490, 56.7590, 12.1110 by changing the saturation by 10% instead.

■ 68.2490, 56.7590,
12.1110

■ 68.2490, 56.7590,
12.1110

255.0000, -0.0000,
-0.0000

■ 41.8790, 54.9250,
12.3090

■ 120.3700, 63.7280,
12.4640

■ 22.1260, 44.1040,
15.6880

■ 147.0390, 66.1580,
12.4780

■ 14.7650, 28.8830,
10.6990

■ 174.4200, 69.4590,
13.2270

■ 0.0000, 0.0000,
0.0000

■ 195.0270, 57.2640,
8.4640

■ 214.4270, 41.2180,
1.9060

■ 234.6420, 24.2550,

-4.5530

■ 251.9220, 8.6670,
-8.3970

■ 68.2490, 56.7590,
12.1110

■ 68.2490, 56.7590,
12.1110

■ 60.3100, 63.9570,
13.8210

■ 76.1880, 49.5610,
10.4010

■ 52.9580, 70.8800,
15.0080

■ 83.5400, 42.6380,
9.2140

■ 91.4790, 35.4400,
7.5040

■ 99.4180, 28.2420,
5.7940

■ 106.7700, 21.3190,
4.6070

■ 114.7090, 14.1210,
2.8970

■ 122.0610, 7.1980,
1.7100

■ 130.0000, -0.0000,
-0.0000

■ 137.9390, -7.1980,
-1.7100

Harmonies

Analogous

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



66.4130, 54.1420, 32.0140



68.2490, 56.7590, 12.1110



69.2730, 47.0430, -10.0530

Triad

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



68.2490, 56.7590, 12.1110



57.1280, -39.6080, -31.0960



59.4950, -66.9410, 7.2270

Complementary

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



68.2490, 56.7590, 12.1110



87.7510, -56.7590, -12.1110

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.



65.6100, -69.0030, 0.5410



68.2490, 56.7590, 12.1110



62.6340, -52.3560, -20.3240

Square

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



68.2490, 56.7590, 12.1110



60.2720, -5.0830, -34.5470



66.0370, -63.3160, -8.9160



75.3740, -2.8480, 29.6000

Rectangle

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



68.2490, 56.7590, 12.1110



68.5760, 32.6480, -19.0000



66.0370, -63.3160, -8.9160



62.0710, -68.6830, 5.7570

Sweetspot

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



68.2490, 56.7590, 12.1110



144.0690, 21.9150, 4.8190



67.0140, 34.0570, 49.1050



69.5240, 13.2040, 2.9960



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



68.2490, 56.7590, 12.1110



72.1620, 87.9810, 18.9650



97.5990, 43.0090, -14.0390



60.2670, 3.6220, 0.4380



51.7730, 69.9630, 15.1070



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.7510, -56.7590, -12.1110



102.8380, -87.9810, -18.9650



58.4010, -43.0090, 14.0390



61.3200, -3.8970, -0.9610



75.6400, -69.6880, -14.5840



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 68.2490, 56.7590, 12.1110 looks on a white background.

Color Contrast Check

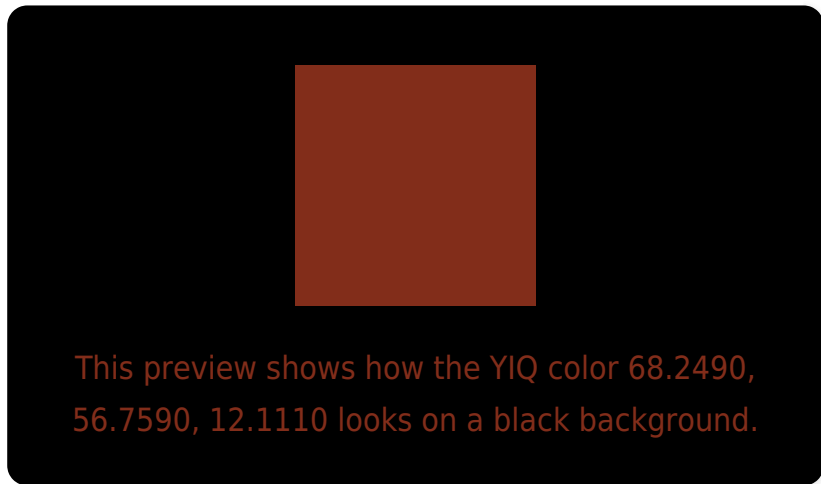
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 68.2490, 56.7590, 12.1110

Background



This preview shows how black text looks on a background with the YIQ color 68.2490, 56.7590, 12.1110.



This preview shows how white text looks on a background with the YIQ color 68.2490, 56.7590,

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

68.2490, 56.7590, 12.1110

Protanopia

71.8320, 17.6080, -10.7440

Deuteranopia

71.6500, 29.8040, -11.5080



Tritanopia

69.5400, 51.8060, 19.2780

Trichromacy



Original Color

68.2490, 56.7590, 12.1110

Protanomaly

70.1160, 31.7280, -2.3200

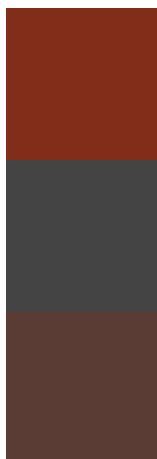
Deuteranomaly

70.5960, 39.0640, -3.1120

Tritanomaly

69.3290, 53.7780, 16.5780

Monochromacy



Original Color

68.2490, 56.7590, 12.1110

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.4710, 20.7230, 4.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.2490, 56.7590, 12.1110 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(130, 45, 26)` looks like.

```
.text, #text, p{  
    color:rgb(130, 45, 26)  
}
```

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(130, 45, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 45, 26) }
```

Border

The CSS property to change the border of an element to YIQ 68.2490, 56.7590, 12.1110 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(130, 45, 26) }
```


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

```
.border{ border-color:rgb(130, 45, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 45, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 45, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 45, 26);  
box-shadow:4px 4px 4px 4px rgb(130, 45,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 68.2490, 56.7590, 12.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 45, 26) }
```

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

```
.background{ background-color: rgb(130, 45,  
26) }
```

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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