

Converting Colors

YIQ(98.8290, 30.8580, -8.5820)

Have a look what the booklet for
YIQ(98.8290, 30.8580, -8.5820)
contains.

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Color

**YIQ(98.8290, 30.8580,
-8.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6032
RGB	123, 96, 50
RGB Percent	48%, 38%, 20%
CMY	0.5176, 0.6236, 0.8038
CMYK	0.00, 0.22, 0.59, 0.52
HSL	38°, 42%, 34%
HSV	38°, 59%, 48%
XYZ	12.9281, 12.8059, 4.8126
YIQ	98.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

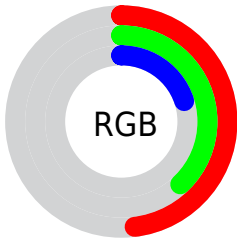
Format	Color
R_{YB}	93, 123, 50
Decimal	8085554
CIE Lab	42.47, 5.12, 30.10
CIE LCh	42, 30.527, 80.352
Yxy	12.8059, 0.4232, 0.4192
Android (android.graphics.Color)	4286275634 (0xFF7B6032)
YUV	98.8290, -24.0727, 21.1980
Hunter-Lab	35.7853, 1.8620, 17.0762

Details

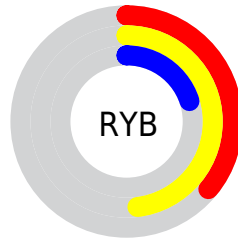
The YIQ color **98.8290, 30.8580, -8.5820** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **74.1710, -30.8580, 8.5820**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0960, 34.4800, -8.1440**, and **51.2200, 28.1990, -9.9530** is the 20% darker color. If you saturate the color by 10%, you get **94.5260, 36.0850, -9.6990**, and if you desaturate by 10%, it is **103.1320, 25.6310, -7.4650**.

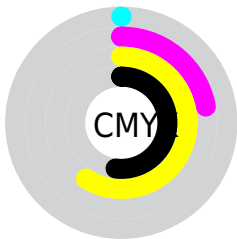
Distribution



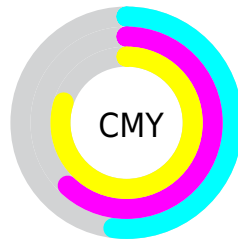
- Red (48%)
- Green (38%)
- Blue (20%)



- Red (36%)
- Yellow (48%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (59%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.8290, 30.8580, -8.5820 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 98.8290, 30.8580, -8.5820 by changing the saturation by 10% instead.

■ 98.8290, 30.8580,
-8.5820

■ 98.8290, 30.8580,
-8.5820

■ 255.0000, -0.0000,
-0.0000

■ 74.3450, 29.3450,
-8.6950

■ 150.0960, 34.4800,
-8.1440

■ 51.3340, 27.8780,
-9.6420

■ 177.1670, 35.7180,
-8.5540

■ 31.0760, 20.0370,
-5.2030

■ 204.6510, 37.2310,
-8.4410

■ 9.5130, 11.7370,
2.0490

■ 230.1450, 32.7840,
-10.4480

■ 0.0000, 0.0000,
0.0000

■ 249.1860, 16.3710,
-15.8610

■ 252.3780, 7.3830,

-7.1530

■ 98.8290, 30.8580,
-8.5820

■ 98.8290, 30.8580,
-8.5820

■ 94.5260, 36.0850,
-9.6990

■ 103.1320, 25.6310,
-7.4650

■ 90.6960, 41.3580,
-11.6500

■ 106.9620, 20.3580,
-5.5140

■ 86.3930, 46.5850,
-12.7670

■ 111.2650, 15.1310,
-4.3970

■ 82.6770, 51.5370,
-14.4070

■ 114.9810, 10.1790,
-2.7570

■ 81.9760, 52.1330,
-14.1950

■ 119.3980, 4.6310,
-1.3290

■ 123.1140, -0.3210,
0.3110

■ 127.4170, -5.5480,
1.4280

■ 131.1330,
-10.5000, 3.0680

■ 135.5500,
-16.0480, 4.4960

Harmonies

Analogous

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



100.2960, 40.2090, 3.6730



98.8290, 30.8580, -8.5820



96.5770, 13.7120, -17.2320

Triad

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



98.8290, 30.8580, -8.5820



79.6690, -68.6320, -22.7120



103.3070, 7.2860, 22.1500

Complementary

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



98.8290, 30.8580, -8.5820



74.1710, -30.8580, 8.5820

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.



100.6070, -20.2220, 14.0660



98.8290, 30.8580, -8.5820



80.8890, -74.8230, -15.1350

Square

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



98.8290, 30.8580, -8.5820



85.6750, -42.4060, -24.4380



90.9940, -52.5890, 0.4270



102.7300, 27.9640, 21.8520

Rectangle

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



98.8290, 30.8580, -8.5820



94.2700, -1.6010, -20.5530



90.9940, -52.5890, 0.4270



102.7620, -1.4250, 20.3270

Sweetspot

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



98.8290, 30.8580, -8.5820



151.2370, 12.3340, -3.2660



75.0190, 34.5200, 24.1840



75.8390, 7.7030, -1.9370



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.



98.8290, 30.8580, -8.5820



122.7630, 48.4190, -12.9650



111.9870, 18.0690, -24.6110



59.1420, 2.4760, -0.8200



83.7480, 52.7750, -14.8170



168.6810, 106.4670, -29.7330

Inverse Universe

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



74.1710, -30.8580, 8.5820



84.6500, -48.1440, 13.4880



61.0130, -18.0690, 24.6110



56.8580, -2.4760, 0.8200



41.2520, -52.7750, 14.8170



83.3190, -106.4670, 29.7330

Previews

White Background



This preview shows how the YIQ color 98.8290, 30.8580, -8.5820 looks on a white background.

Color Contrast Check

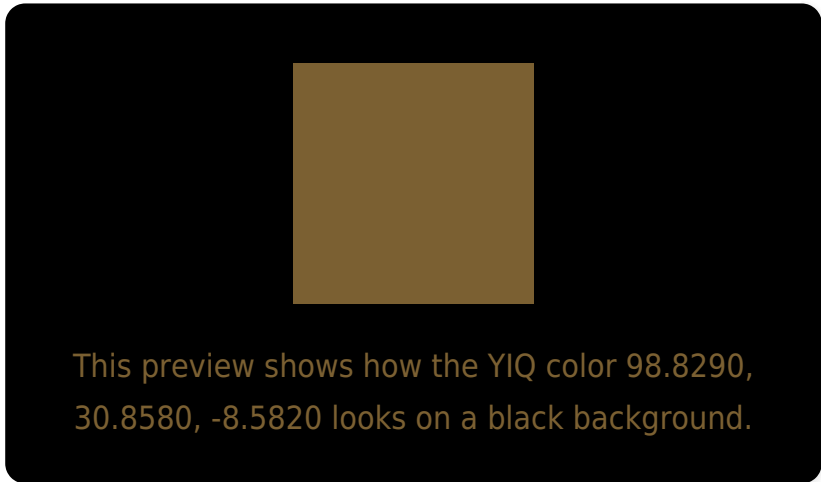
Large Text (above 18pt) WCAG AA ✓ Pass

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

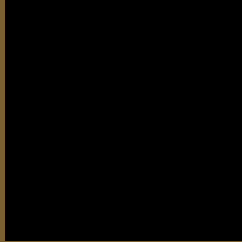
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.8290, 30.8580, -8.5820

Background



This preview shows how black text looks on a background with the YIQ color 98.8290, 30.8580, -8.5820.



This preview shows how white text looks on a background with the YIQ color 98.8290, 30.8580,

-8.5820.

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

98.8290, 30.8580, -8.5820

Protanopia

98.4040, 21.6890, -13.1190

Deuteranopia

99.1280, 31.4540, -8.3700



Tritanopia

102.5620, 19.2090, 9.8090

Trichromacy



Original Color

98.8290, 30.8580, -8.5820

Protanomaly

98.3120, 24.9440, -11.5360

Deuteranomaly

99.1280, 31.4540, -8.3700

Tritanomaly

101.4990, 23.5200, 3.2640

Monochromacy



Original Color

98.8290, 30.8580, -8.5820

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0520, 11.4170, -3.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.8290, 30.8580, -8.5820 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(123, 96, 50)` looks like.

```
.text, #text, p{  
    color:rgb(123, 96, 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(123, 96, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 96, 50) }
```

Border

The CSS property to change the border of an element to YIQ 98.8290, 30.8580, -8.5820 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(123, 96, 50) }
```


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

```
.border{ border-color:rgb(123, 96, 50) }
```

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

Here you see how a box with a 4 pixel rgb(123, 96, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 96, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 96, 50);  
box-shadow:4px 4px 4px 4px rgb(123, 96,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 98.8290, 30.8580, -8.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 96, 50) }
```

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

```
.background{ background-color: rgb(123, 96,  
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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