

Converting Colors

YIQ(98.8310, 81.2430, 8.9150)

Have a look what the booklet for
YIQ(98.8310, 81.2430, 8.9150)
contains.

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Color

**YIQ(98.8310, 81.2430,
8.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	B64718
RGB	182, 71, 24
RGB Percent	71%, 28%, 9%
CMY	0.2860, 0.7217, 0.9055
CMYK	0.00, 0.61, 0.87, 0.29
HSL	18°, 77%, 40%
HSV	18°, 87%, 71%
XYZ	21.7216, 14.5192, 2.5268
YIQ	98.8310, 81.2430, 8.9150

Conversions

Conversions Part 2

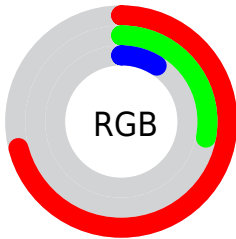
Format	Color
R_{YB}	182, 91, 24
Decimal	11945752
CIE _{Lab}	44.97, 42.90, 48.07
CIE _{LCh}	45, 64.430, 48.254
Yxy	14.5192, 0.5603, 0.3745
Android (android.graphics.Color)	4290135832 (0xFFB64718)
YUV	98.8310, -36.8917, 72.9392
Hunter-Lab	38.1041, 35.0736, 22.7412

Details

The YIQ color **98.8310, 81.2430, 8.9150** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **107.1690, -81.2430, -8.9150**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4790, 88.1660, 10.1020**, and **44.9840, 67.9910, 17.8070** is the 20% darker color. If you saturate the color by 10%, you get **89.1480, 90.5960, 10.1160**, and if you desaturate by 10%, it is **108.5140, 71.8900, 7.7140**.

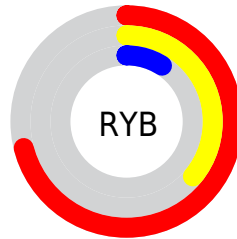
Distribution



Red (71%)

Green (28%)

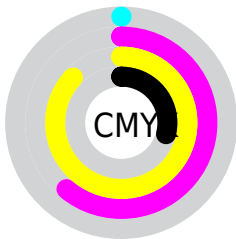
Blue (9%)



Red (71%)

Yellow (36%)

Blue (9%)

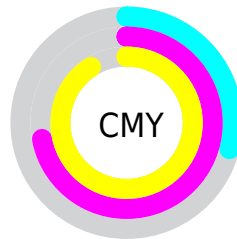


Cyan (0%)

Magenta (61%)

Yellow (87%)

Black (29%)



Cyan (29%)

Magenta (72%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.8310, 81.2430, 8.9150 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 98.8310, 81.2430, 8.9150 by changing the saturation by 10% instead.

■ 98.8310, 81.2430,
8.9150

■ 98.8310, 81.2430,
8.9150

■ 255.0000, -0.0000,
-0.0000

■ 71.5640, 77.6210,
8.4770

■ 153.4790, 88.1660,
10.1020

■ 44.9840, 67.9910,
17.8070

■ 175.4670, 79.2720,
6.0880

■ 27.5080, 54.8320,
19.5040

■ 194.7530, 63.5470,
-0.7810

■ 18.8370, 37.5480,
13.3560

■ 214.2670, 47.1800,
-7.0280

■ 10.5790, 20.5390,
7.7310

■ 233.7810, 30.8130,
-13.2750

■ 0.0000, 0.0000,
0.0000

■ 249.3000, 16.0500,

-15.5500

252.4920, 7.0620,
-6.8420

98.8310, 81.2430,
8.9150

98.8310, 81.2430,
8.9150

89.1480, 90.5960,
10.1160

108.5140, 71.8900,
7.7140

86.1160, 93.6220,
10.3420

118.3110, 62.2160,
6.8240

127.4070, 53.1380,
6.1460

137.0900, 43.7850,
4.9450

146.7730, 34.4320,
3.7440

■ 156.4560, 25.0790,
2.5430

■ 166.2530, 15.4050,
1.6530

■ 175.3490, 6.3270,
0.9750

■ 185.0320, -3.0260,
-0.2260

Harmonies

Analogous

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



93.9930, 82.1080, 42.8120



98.8310, 81.2430, 8.9150



100.0060, 60.6160, -19.2560

Triad

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



98.8310, 81.2430, 8.9150



85.1850, -62.1180, -41.6540



95.7850, -70.1530, 21.3910

Complementary

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



98.8310, 81.2430, 8.9150



107.1690, -81.2430, -8.9150

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.



94.0210, -100.7770, 3.6950



98.8310, 81.2430, 8.9150



92.1560, -80.3690, -24.7610

Square

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



98.8310, 81.2430, 8.9150



79.7100, -33.4600, -54.4200



96.3400, -94.9060, -9.0980



108.0960, 10.3990, 48.3430

Rectangle

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



98.8310, 81.2430, 8.9150



98.6670, 39.1610, -32.4150



96.3400, -94.9060, -9.0980



87.7920, -98.3940, 10.0700

Sweetspot

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



98.8310, 81.2430, 8.9150



204.6910, 31.7270, 3.2070



84.1240, 57.8950, 68.6390



100.5200, 19.0270, 2.0910



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



98.8310, 81.2430, 8.9150



111.9530, 122.0020, 13.6340



144.0300, 60.0680, -31.3560



86.8650, 4.8140, 0.8620



73.6460, 80.3260, 9.0140



13.0680, 14.4880, 1.7520

Inverse Universe

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



107.1690, -81.2430, -8.9150



125.0470, -122.0020, -13.6340



61.9700, -60.0680, 31.3560



87.5480, -4.5390, -0.3390



81.7670, -80.0510, -8.4910



14.9320, -14.4880, -1.7520

Previews

White Background



This preview shows how the YIQ color 98.8310, 81.2430, 8.9150 looks on a white background.

Color Contrast Check

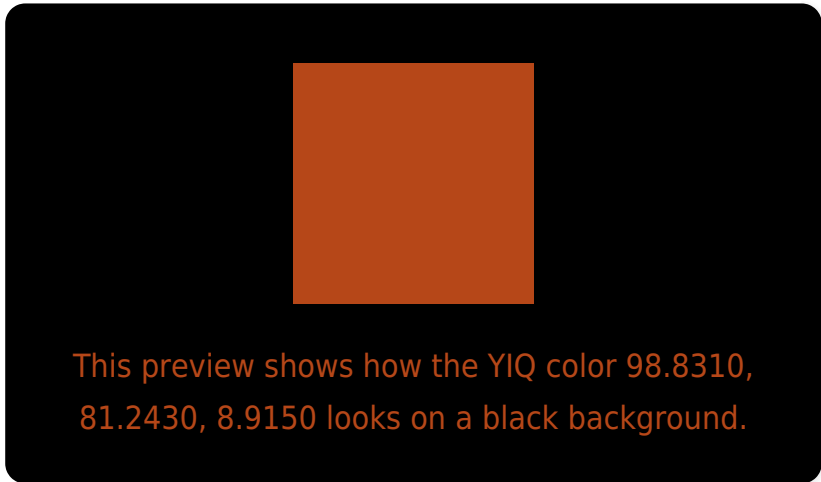
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.8310, 81.2430, 8.9150

Background



This preview shows how black text looks on a background with the YIQ color 98.8310, 81.2430, 8.9150.



This preview shows how white text looks on a background with the YIQ color 98.8310, 81.2430,

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

98.8310, 81.2430, 8.9150

Protanopia

102.4510, 31.5020, -20.2580

Deuteranopia

100.2390, 52.4100, -24.7260



Tritanopia

101.7380, 69.0440, 26.2600

Trichromacy



Original Color

98.8310, 81.2430, 8.9150

Protanomaly

101.3550, 49.7480, -9.5160

Deuteranomaly

99.8910, 62.6780, -12.5700

Tritanomaly

100.6750, 73.3550, 19.7150

Monochromacy



Original Color

98.8310, 81.2430, 8.9150

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0220, 29.2970, 3.1930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.8310, 81.2430, 8.9150 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(182, 71, 24)` looks like.

```
.text, #text, p{  
    color:rgb(182, 71, 24)  
}
```

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(182, 71, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 71, 24) }
```

Border

The CSS property to change the border of an element to YIQ 98.8310, 81.2430, 8.9150 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(182, 71, 24) }
```


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

```
.border{ border-color:rgb(182, 71, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 71, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 71, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 71, 24);  
box-shadow:4px 4px 4px 4px rgb(182, 71,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 98.8310, 81.2430, 8.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 71, 24) }
```

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

```
.background{ background-color: rgb(182, 71,  
24) }
```

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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