

Converting Colors

YIQ(98.7880, 82.8020, 8.1940)

Have a look what the booklet for
YIQ(98.7880, 82.8020, 8.1940)
contains.

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Color

**YIQ(98.7880, 82.8020,
8.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	B74715
RGB	183, 71, 21
RGB Percent	72%, 28%, 8%
CMY	0.2821, 0.7217, 0.9173
CMYK	0.00, 0.61, 0.88, 0.28
HSL	18°, 79%, 40%
HSV	18°, 88%, 72%
XYZ	21.9292, 14.6296, 2.3820
YIQ	98.7880, 82.8020, 8.1940

Conversions

Conversions Part 2

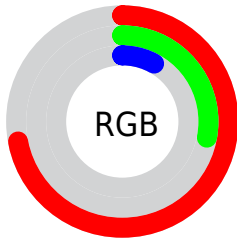
Format	Color
R_{YB}	183, 93, 21
Decimal	12011285
CIE Lab	45.12, 43.21, 49.45
CIE LCh	45, 65.664, 48.854
Yxy	14.6296, 0.5631, 0.3757
Android (android.graphics.Color)	4290201365 (0xFFB74715)
YUV	98.7880, -38.3495, 73.8539
Hunter-Lab	38.2487, 35.4046, 23.0816

Details

The YIQ color **98.7880, 82.8020, 8.1940** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **105.2120, -82.8020, -8.1940**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8490, 90.0000, 9.9040**, and **45.2830, 68.5870, 18.0190** is the 20% darker color. If you saturate the color by 10%, you get **89.1050, 92.1550, 9.3950**, and if you desaturate by 10%, it is **108.4710, 73.4490, 6.9930**.

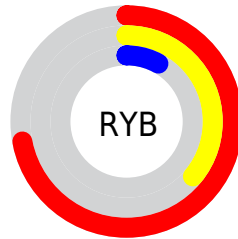
Distribution



Red (72%)

Green (28%)

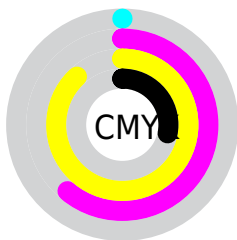
Blue (8%)



Red (72%)

Yellow (36%)

Blue (8%)

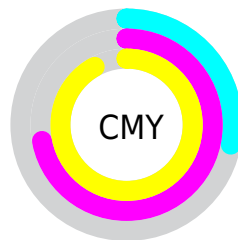


Cyan (0%)

Magenta (61%)

Yellow (88%)

Black (28%)



Cyan (28%)

Magenta (72%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.7880, 82.8020, 8.1940 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 98.7880, 82.8020, 8.1940 by changing the saturation by 10% instead.

■ 98.7880, 82.8020,
8.1940

■ 98.7880, 82.8020,
8.1940

255.0000, -0.0000,
-0.0000

■ 71.8630, 78.2170,
8.6890

■ 153.8490, 90.0000,
9.9040

■ 45.2830, 68.5870,
18.0190

■ 175.2390, 79.9140,
5.4660

■ 27.5080, 54.8320,
19.5040

■ 194.5250, 64.1890,
-1.4030

■ 19.1360, 38.1440,
13.5680

■ 214.0390, 47.8220,
-7.6500

■ 10.8780, 21.1350,
7.9430

■ 234.1400, 31.1800,
-14.4200

■ 0.0000, 0.0000,
0.0000

■ 248.9580, 17.0130,

-16.4830

252.2640, 7.7040,
-7.4640

98.7880, 82.8020,
8.1940

98.7880, 82.8020,
8.1940

89.1050, 92.1550,
9.3950

108.4710, 73.4490,
6.9930

87.5890, 93.6680,
9.5080

117.6810, 64.0500,
6.6260

127.3640, 54.6970,
5.4250

137.0470, 45.3440,
4.2240

146.2570, 35.9450,
3.8570

■ 155.9400, 26.5920,
2.6560

■ 165.6230, 17.2390,
1.4550

■ 174.8330, 7.8400,
1.0880

■ 184.5160, -1.5130,
-0.1130

Harmonies

Analogous

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



93.3030, 84.1710, 43.9710



98.7880, 82.8020, 8.1940



100.5930, 60.3410, -19.7790

Triad

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



98.7880, 82.8020, 8.1940



85.2990, -62.4390, -41.3430



96.3120, -70.1990, 22.2250

Complementary

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



98.7880, 82.8020, 8.1940



105.2120, -82.8020, -8.1940

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.



94.3630, -101.7400, 4.6280



98.7880, 82.8020, 8.1940



92.9710, -81.2860, -24.6620

Square

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



98.7880, 82.8020, 8.1940



76.4100, -41.4830, -57.6990



96.6820, -95.8690, -8.1650



108.5200, 12.1410, 49.8130

Rectangle

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



98.7880, 82.8020, 8.1940



98.9550, 38.2900, -33.1500



96.6820, -95.8690, -8.1650



88.6070, -99.3110, 10.1690

Sweetspot

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



98.7880, 82.8020, 8.1940



203.8760, 32.6440, 3.1080



82.3200, 60.2790, 69.4870



99.7050, 19.9440, 1.9920



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.



98.7880, 82.8020, 8.1940



113.7140, 121.1770, 12.0650



145.7480, 60.8020, -33.6460



86.8650, 4.8140, 0.8620



74.8200, 79.7760, 7.9680



13.6550, 14.2130, 1.2290

Inverse Universe

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



105.2120, -82.8020, -8.1940



123.2860, -121.1770, -12.0650



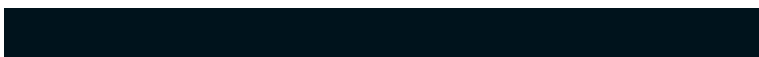
58.2520, -60.8020, 33.6460



87.5480, -4.5390, -0.3390



81.1800, -79.7760, -7.9680



14.3450, -14.2130, -1.2290

Previews

White Background



This preview shows how the YIQ color 98.7880, 82.8020, 8.1940 looks on a white background.

Color Contrast Check

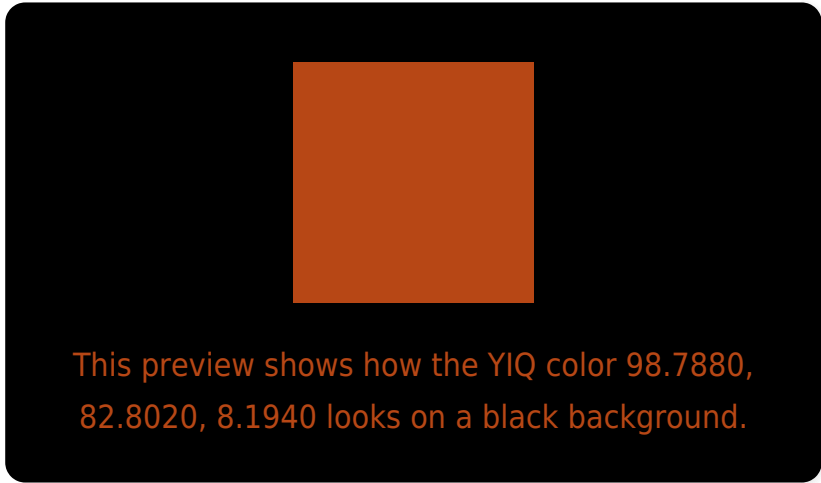
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.7880, 82.8020, 8.1940

Background



This preview shows how black text looks on a background with the YIQ color 98.7880, 82.8020, 8.1940.



This preview shows how white text looks on a background with the YIQ color 98.7880, 82.8020,

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

98.7880, 82.8020, 8.1940

Protanopia

102.9950, 32.7860, -21.5020

Deuteranopia

100.5380, 53.0060, -24.5140



Tritanopia

102.0370, 69.6400, 26.4720

Trichromacy



Original Color

98.7880, 82.8020, 8.1940

Protanomaly

101.8990, 51.0320, -10.7600

Deuteranomaly

100.0760, 63.5950, -12.6690

Tritanomaly

100.8600, 74.2720, 19.6160

Monochromacy



Original Color

98.7880, 82.8020, 8.1940

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.2070, 30.2140, 3.0940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.7880, 82.8020, 8.1940 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(183, 71, 21)` looks like.

```
.text, #text, p{  
    color:rgb(183, 71, 21)  
}
```

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(183, 71, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 71, 21) }
```

Border

The CSS property to change the border of an element to YIQ 98.7880, 82.8020, 8.1940 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(183, 71, 21) }
```


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

```
.border{ border-color:rgb(183, 71, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 71, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 71, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 71, 21);  
box-shadow:4px 4px 4px 4px rgb(183, 71,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 98.7880, 82.8020, 8.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 71, 21) }
```

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

```
.background{ background-color: rgb(183, 71,  
21) }
```

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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