

Converting Colors

YIQ(98.0900, 88.4840, 26.3720)

Have a look what the booklet for
YIQ(98.0900, 88.4840, 26.3720)
contains.

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Color

**YIQ(98.0900, 88.4840,
26.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	C7392D
RGB	199, 57, 45
RGB Percent	78%, 22%, 18%
CMY	0.2193, 0.7767, 0.8232
CMYK	0.00, 0.71, 0.77, 0.22
HSL	5°, 63%, 48%
HSV	5°, 77%, 78%
XYZ	25.5112, 15.2642, 4.0936
YIQ	98.0900, 88.4840, 26.3720

Conversions

Conversions Part 2

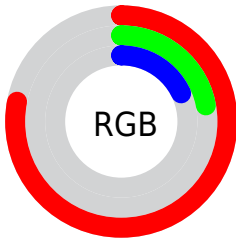
Format	Color
R_{YB}	199, 58, 45
Decimal	13056301
CIE Lab	45.99, 55.31, 39.89
CIE LCh	46, 68.193, 35.795
Yxy	15.2642, 0.5686, 0.3402
Android (android.graphics.Color)	4291246381 (0xFFC7392D)
YUV	98.0900, -26.1734, 88.4981
Hunter-Lab	39.0694, 48.1838, 21.1363

Details

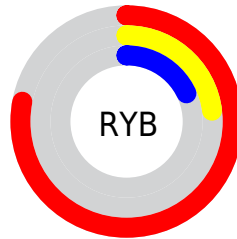
The YIQ color **98.0900, 88.4840, 26.3720** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **145.9100, -88.4840, -26.3720**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.0640, 91.3730, 23.5730**, and **40.9630, 81.6520, 29.0440** is the 20% darker color. If you saturate the color by 10%, you get **85.2440, 99.8540, 29.5660**, and if you desaturate by 10%, it is **110.9360, 77.1140, 23.1780**.

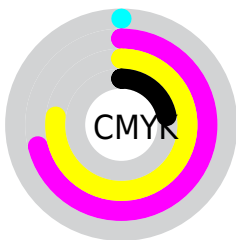
Distribution



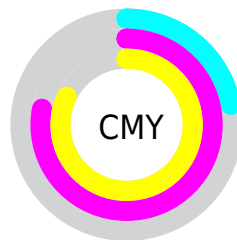
- Red (78%)
- Green (22%)
- Blue (18%)



- Red (78%)
- Yellow (23%)
- Blue (18%)



- Cyan (0%)
- Magenta (71%)
- Yellow (77%)
- Black (22%)





- Cyan (22%)
- Magenta (78%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.0900, 88.4840, 26.3720 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 98.0900, 88.4840, 26.3720 by changing the saturation by 10% instead.


 98.0900, 88.4840,
26.3720

 98.0900, 88.4840,
26.3720


255.0000, -0.0000,
-0.0000

 66.9420, 86.1450,
30.2170


 153.0640, 91.3730,
23.5730


 40.9630, 81.6520,
29.0440


 172.3500, 75.6480,
16.7040


 31.6940, 63.1760,
22.4720


 191.7500, 59.6020,
10.1460

 22.7240, 45.2960,
16.1120

 211.2640, 43.2350,
3.8990

 14.8790, 28.5620,
11.0100

 231.3650, 26.5930,
-2.8710

 0.0000, 0.0000,
0.0000

 251.5800, 9.6300,

-9.3300

254.8860, 0.3210,
-0.3110

■ 98.0900, 88.4840,
26.3720

■ 98.0900, 88.4840,
26.3720

■ 85.2440, 99.8540,
29.5660

■ 110.9360, 77.1140,
23.1780

■ 71.8110, 111.4990,
33.2830

■ 124.3690, 65.4690,
19.4610

■ 68.3060, 114.4790,
34.3430

■ 137.2150, 54.0990,
16.2670

■ 150.0610, 42.7290,
13.0730

■ 163.4940, 31.0840,
9.3560

■ 176.3400, 19.7140,
6.1620

■ 189.6590, 8.3900,
2.1340

■ 202.5050, -2.9800,
-1.0600

■ 215.3510,
-14.3500, -4.2540

Harmonies

Analogous

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



92.6640, 82.1970, 57.7250



98.0900, 88.4840, 26.3720



101.8880, 75.9280, -10.4080

Triad

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



98.0900, 88.4840, 26.3720



83.6230, -54.9640, -50.1640



91.8670, -102.9790, 10.5650

Complementary

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



98.0900, 88.4840, 26.3720



145.9100, -88.4840, -26.3720

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.



98.9450, -103.6190, 0.1330



98.0900, 88.4840, 26.3720



91.6370, -74.7740, -32.5500

Square

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



98.0900, 88.4840, 26.3720



90.7280, 1.6600, -52.1320



98.0210, -92.7500, -15.1340



110.6780, -17.8430, 42.5490

Rectangle

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



98.0900, 88.4840, 26.3720



102.6090, 54.2440, -24.9240



98.0210, -92.7500, -15.1340



95.3890, -104.6290, 7.4270

Sweetspot

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



98.0900, 88.4840, 26.3720



216.5760, 33.7890, 9.8930



107.4620, 45.5600, 77.4320



104.5250, 20.6310, 6.0630



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



98.0900, 88.4840, 26.3720



99.4290, 136.3020, 40.8300



142.1150, 67.8590, -12.8530



92.6910, 5.3640, 1.9080



56.3680, 93.5730, 27.7570



12.5250, 20.6310, 6.0630

Inverse Universe

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



145.9100, -88.4840, -26.3720



173.5710, -136.3020, -40.8300



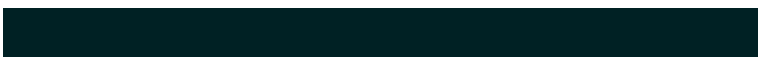
101.8850, -67.8590, 12.8530



96.3090, -5.3640, -1.9080



107.2190, -93.8480, -28.2800



23.4750, -20.6310, -6.0630

Previews

White Background



This preview shows how the YIQ color 98.0900, 88.4840, 26.3720 looks on a white background.

Color Contrast Check

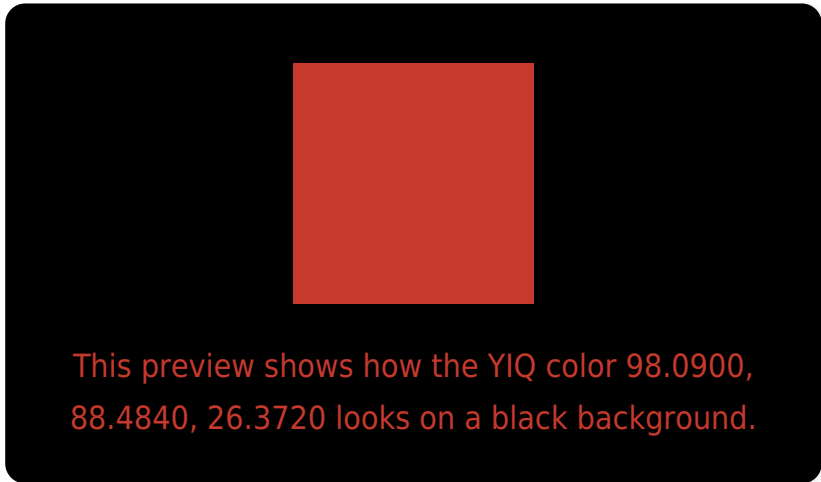
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.0900, 88.4840, 26.3720

Background



This preview shows how black text looks on a background with the YIQ color 98.0900, 88.4840, 26.3720.



This preview shows how white text looks on a background with the YIQ color 98.0900, 88.4840,

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

98.0900, 88.4840, 26.3720

Protanopia

107.7030, 22.2850, -12.9070

Deuteranopia

105.8870, 42.1380, -14.7740



Tritanopia

98.3980, 84.8610, 31.4610

Trichromacy



Original Color

98.0900, 88.4840, 26.3720

Protanomaly

104.2380, 46.1240, 1.1000

Deuteranomaly

103.2410, 59.2370, 0.2370

Tritanomaly

98.4150, 86.1910, 29.3830

Monochromacy



Original Color

98.0900, 88.4840, 26.3720

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.0920, 32.2760, 9.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.0900, 88.4840, 26.3720 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(199, 57, 45)` looks like.

```
.text, #text, p{  
    color:rgb(199, 57, 45)  
}
```

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(199, 57, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 57, 45) }
```

Border

The CSS property to change the border of an element to YIQ 98.0900, 88.4840, 26.3720 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(199, 57, 45) }
```


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

```
.border{ border-color:rgb(199, 57, 45) }
```

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

Here you see how a box with a 4 pixel rgb(199, 57, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 57, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 57, 45);  
box-shadow:4px 4px 4px 4px rgb(199, 57,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 98.0900, 88.4840, 26.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 57, 45) }
```

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

```
.background{ background-color: rgb(199, 57,  
45) }
```

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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