

Converting Colors

YIQ(96.3400, 90.7760, 28.8880)

Have a look what the booklet for
YIQ(96.3400, 90.7760, 28.8880)
contains.

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Color

**YIQ(96.3400, 90.7760,
28.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	C9352D
RGB	201, 53, 45
RGB Percent	79%, 21%, 18%
CMY	0.2114, 0.7924, 0.8232
CMYK	0.00, 0.74, 0.78, 0.21
HSL	3°, 63%, 48%
HSV	3°, 78%, 79%
XYZ	25.8569, 15.1605, 4.0555
YIQ	96.3400, 90.7760, 28.8880

Conversions

Conversions Part 2

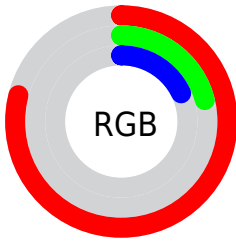
Format	Color
R _Y B	201, 53, 45
Decimal	13186349
CIE Lab	45.85, 57.37, 39.85
CIE LCh	46, 69.853, 34.785
Yxy	15.1605, 0.5737, 0.3364
Android (android.graphics.Color)	4291376429 (0xFFC9352D)
YUV	96.3400, -25.3106, 91.7868
Hunter-Lab	38.9365, 50.3994, 21.0800

Details

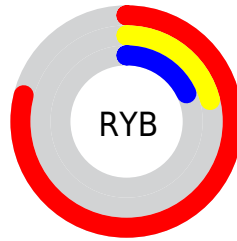
The YIQ color **96.3400, 90.7760, 28.8880** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **149.6600, -90.7760, -28.8880**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3030, 92.1980, 25.1420**, and **41.5610, 82.8440, 29.4680** is the 20% darker color. If you saturate the color by 10%, you get **82.9070, 102.4210, 32.6050**, and if you desaturate by 10%, it is **109.7730, 79.1310, 25.1710**.

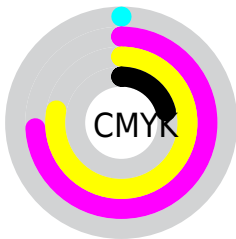
Distribution



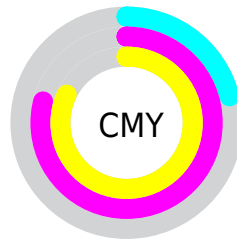
- Red (79%)
- Green (21%)
- Blue (18%)



- Red (79%)
- Yellow (21%)
- Blue (18%)



- Cyan (0%)
- Magenta (74%)
- Yellow (78%)
- Black (21%)





- Cyan (21%)
- Magenta (79%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.3400, 90.7760, 28.8880 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 96.3400, 90.7760, 28.8880 by changing the saturation by 10% instead.


 96.3400, 90.7760,
28.8880

 96.3400, 90.7760,
28.8880


255.0000, -0.0000,
-0.0000


 62.8440, 89.5370,
34.8250


 151.3030, 92.1980,
25.1420


 41.5610, 82.8440,
29.4680


 170.5890, 76.4730,
18.2730


 32.2920, 64.3680,
22.8960

 189.9890, 60.4270,
11.7150

 23.4360, 46.1670,
16.8470

 209.9760, 44.1060,
4.6340

 15.1780, 29.1580,
11.2220

 230.1910, 27.1430,
-1.8250

 0.0000, 0.0000,
0.0000

 250.9930, 9.9050,

-8.8070

254.8860, 0.3210,
-0.3110

■ 96.3400, 90.7760,
28.8880

■ 96.3400, 90.7760,
28.8880

■ 82.9070, 102.4210,
32.6050

■ 109.7730, 79.1310,
25.1710

■ 69.4740, 114.0660,
36.3220

■ 123.2060, 67.4860,
21.4540

■ 65.9690, 117.0460,
37.3820

■ 136.6390, 55.8410,
17.7370

■ 150.1860, 43.8750,
14.3310

■ 163.6190, 32.2300,
10.6140

■ 177.6390, 20.3100,
6.3740

■ 191.0720, 8.6650,
2.6570

■ 204.5050, -2.9800,
-1.0600

■ 217.9380,
-14.6250, -4.7770

Harmonies

Analogous

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



89.0820, 84.0760, 62.2200



96.3400, 90.7760, 28.8880



101.3120, 77.6700, -8.9380

Triad

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



96.3400, 90.7760, 28.8880



82.5800, -53.4050, -50.8850



92.2090, -103.9420, 11.4980

Complementary

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



96.3400, 90.7760, 28.8880



149.6600, -90.7760, -28.8880

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.



99.6460, -104.2150, -0.0790



96.3400, 90.7760, 28.8880



91.4090, -74.1320, -33.1720

Square

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



96.3400, 90.7760, 28.8880



90.4400, 2.5310, -51.3970



97.9070, -92.4290, -15.4450



110.1230, -20.5940, 42.8460

Rectangle

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



96.3400, 90.7760, 28.8880



102.6200, 55.7110, -23.9770



97.9070, -92.4290, -15.4450



95.6170, -105.2710, 8.0490

Sweetspot

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



96.3400, 90.7760, 28.8880



215.4020, 34.3390, 10.9390



108.5160, 45.4680, 79.1000



103.9380, 20.9060, 6.5860



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.



96.3400, 90.7760, 28.8880



95.9070, 137.9520, 43.9680



142.1260, 69.3260, -11.9060



92.6910, 5.3640, 1.9080



53.4330, 94.9480, 30.3720



11.9380, 20.9060, 6.5860

Inverse Universe

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



149.6600, -90.7760, -28.8880



177.0930, -137.9520, -43.9680



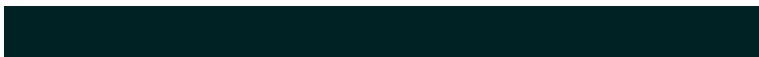
103.8740, -69.3260, 11.9060



96.3090, -5.3640, -1.9080



109.5670, -94.9480, -30.3720



24.0620, -20.9060, -6.5860

Previews

White Background



This preview shows how the YIQ color 96.3400, 90.7760, 28.8880 looks on a white background.

Color Contrast Check

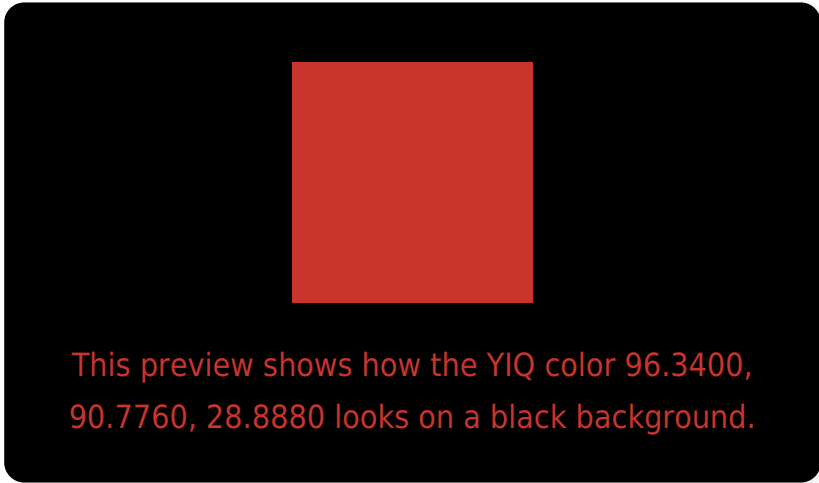
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.3400, 90.7760, 28.8880

Background



This preview shows how black text looks on a background with the YIQ color 96.3400, 90.7760, 28.8880.



This preview shows how white text looks on a background with the YIQ color 96.3400, 90.7760,

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

96.3400, 90.7760, 28.8880

Protanopia

106.9310, 21.6430, -12.2850

Deuteranopia

105.8870, 42.1380, -14.7740



Tritanopia

96.7790, 88.1620, 32.2100

Trichromacy



Original Color

96.3400, 90.7760, 28.8880

Protanomaly

103.1780, 46.3530, 2.4570

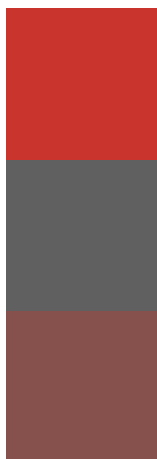
Deuteranomaly

102.0670, 59.7870, 1.2830

Tritanomaly

96.4370, 89.1250, 31.2770

Monochromacy



Original Color

96.3400, 90.7760, 28.8880

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.8040, 33.1470, 10.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.3400, 90.7760, 28.8880 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(201, 53, 45)` looks like.

```
.text, #text, p{  
    color:rgb(201, 53, 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(201, 53, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 53, 45) }
```

Border

The CSS property to change the border of an element to YIQ 96.3400, 90.7760, 28.8880 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(201, 53, 45) }
```


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

```
.border{ border-color:rgb(201, 53, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 53, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 53, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 53, 45);  
box-shadow:4px 4px 4px 4px rgb(201, 53,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 96.3400, 90.7760, 28.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 53, 45) }
```

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

```
.background{ background-color: rgb(201, 53,  
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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