

Converting Colors

YIQ(98.6480, 87.1530, 33.9770)

Have a look what the booklet for
YIQ(98.6480, 87.1530, 33.9770)
contains.

YIQ(98.6480, 87.1530, 33.9770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(98.6480, 87.1530,
33.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	CB353C
RGB	203, 53, 60
RGB Percent	80%, 21%, 24%
CMY	0.2036, 0.7924, 0.7644
CMYK	0.00, 0.74, 0.70, 0.20
HSL	357°, 59%, 50%
HSV	357°, 74%, 80%
XYZ	26.7418, 15.5771, 5.8842
YIQ	98.6480, 87.1530, 33.9770

Conversions

Conversions Part 2

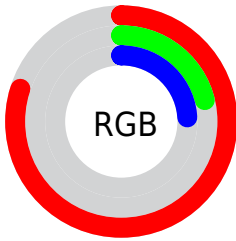
Format	Color
RYB	203, 53, 60
Decimal	13317436
CIELab	46.41, 58.60, 32.00
CIElCh	46, 66.770, 28.634
Yxy	15.5771, 0.5548, 0.3232
Android (android.graphics.Color)	4291507516 (0xFFCB353C)
YUV	98.6480, -19.0535, 91.5167
Hunter-Lab	39.4678, 51.8760, 18.7879

Details

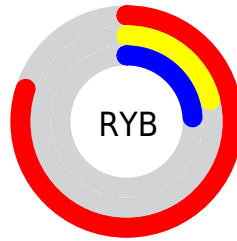
The YIQ color **98.6480, 87.1530, 33.9770** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **157.3520, -87.1530, -33.9770**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7140, 86.7870, 29.5950**, and **44.2110, 78.2580, 35.4900** is the 20% darker color. If you saturate the color by 10%, you get **84.7420, 98.7520, 38.5280**, and if you desaturate by 10%, it is **112.5540, 75.5540, 29.4260**.

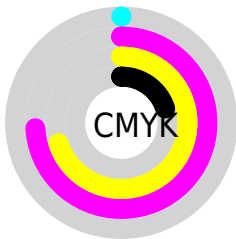
Distribution



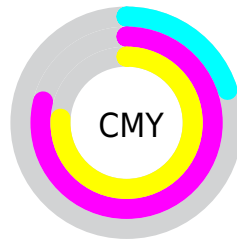
- Red (80%)
- Green (21%)
- Blue (24%)



- Red (80%)
- Yellow (21%)
- Blue (24%)



- Cyan (0%)
- Magenta (74%)
- Yellow (70%)
- Black (20%)





- Cyan (20%)
- Magenta (79%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.6480, 87.1530, 33.9770 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 98.6480, 87.1530, 33.9770 by changing the saturation by 10% instead.


 98.6480, 87.1530,
33.9770


 98.6480, 87.1530,
33.9770


255.0000, -0.0000,
-0.0000


 63.9780, 86.4640,
40.9600


 153.7140, 86.7870,
29.5950


 44.2110, 78.2580,
35.4900


 173.0000, 71.0620,
22.7260


 33.1890, 66.1560,
23.5320


 192.4000, 55.0160,
16.1680

 23.9200, 47.6800,
16.9600

 212.5010, 38.3740,
9.3980

 15.7760, 30.3500,
11.6460

 232.7160, 21.4110,
2.9390

 0.0000, 0.0000,
0.0000

 253.5180, 4.1730,

-4.0430

■ 98.6480, 87.1530,
33.9770

■ 98.6480, 87.1530,
33.9770

■ 84.7420, 98.7520,
38.5280

■ 112.5540, 75.5540,
29.4260

■ 70.1350, 110.9470,
43.2910

■ 127.1610, 63.3590,
24.6630

■ 61.8370, 117.7780,
46.1460

■ 141.0670, 51.7600,
20.1120

■ 154.9730, 40.1610,
15.5610

■ 168.9930, 28.2410,
11.3210

■ 183.4860, 16.3670,
6.2470

■ 197.3920, 4.7680,
1.6960

■ 211.4120, -7.1520,
-2.5440

■ 225.9050,
-19.0260, -7.6180

Harmonies

Analogous

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



96.9990, 73.9440, 58.6160



98.6480, 87.1530, 33.9770



101.9430, 83.2630, -5.6730

Triad

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



98.6480, 87.1530, 33.9770



81.6680, -50.8370, -53.3730



94.6880, -104.0330, 7.6390

Complementary

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



98.6480, 87.1530, 33.9770



157.3520, -87.1530, -33.9770

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.



99.7940, -101.8760, -3.9240



98.6480, 87.1530, 33.9770



90.7420, -70.8760, -37.1160

Square

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



98.6480, 87.1530, 33.9770



95.5340, 14.1300, -46.8460



97.1260, -88.8520, -19.7000



109.4800, -35.0810, 35.5670

Rectangle

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



98.6480, 87.1530, 33.9770



103.8490, 62.4960, -20.2880



97.1260, -88.8520, -19.7000



97.3950, -104.7660, 4.4020

Sweetspot

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



98.6480, 87.1530, 33.9770



216.0860, 32.4130, 12.8050



112.8570, 37.0780, 76.9660



104.3940, 19.6220, 7.8300



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.



98.6480, 87.1530, 33.9770



97.1270, 131.7610, 51.5450



137.7660, 70.7000, -3.7640



94.9900, 5.9600, 2.1200



50.5460, 96.3680, 37.6800



11.5900, 22.0060, 8.6780

Inverse Universe

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



98.6480, 87.1530, 33.9770



97.1270, 131.7610, 51.5450



118.8210, -70.9750, 3.2410



94.9900, 5.9600, 2.1200



50.5460, 96.3680, 37.6800



11.5900, 22.0060, 8.6780

Previews

White Background



This preview shows how the YIQ color 98.6480, 87.1530, 33.9770 looks on a white background.

Color Contrast Check

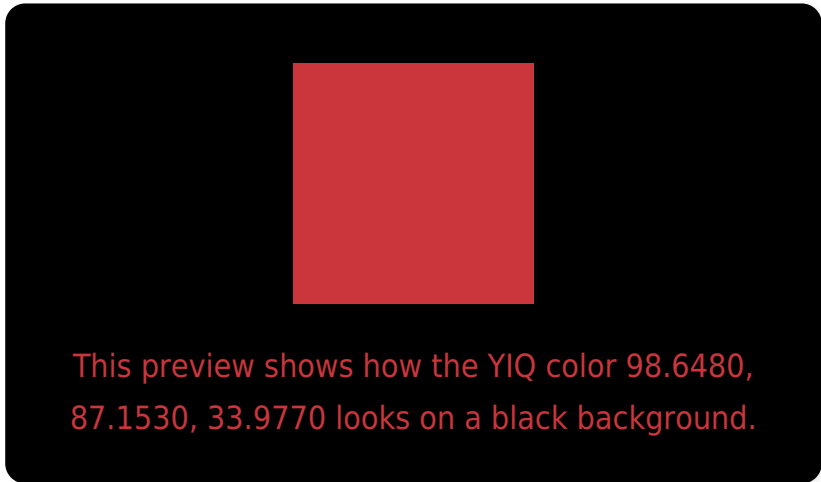
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6480, 87.1530, 33.9770

Background



This preview shows how black text looks on a background with the YIQ color 98.6480, 87.1530, 33.9770.



This preview shows how white text looks on a background with the YIQ color 98.6480, 87.1530,

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

98.6480, 87.1530, 33.9770

Protanopia

109.9720, 14.3980, -7.6340

Deuteranopia

108.4120, 36.4060, -10.0100



Tritanopia

98.7790, 88.1620, 32.2100

Trichromacy



Original Color

98.6480, 87.1530, 33.9770

Protanomaly

106.0020, 41.2170, 7.4330

Deuteranomaly

104.7770, 54.9720, 5.9480

Tritanomaly

98.8930, 87.8410, 32.5210

Monochromacy



Original Color

98.6480, 87.1530, 33.9770

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.7870, 31.8170, 12.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.6480, 87.1530, 33.9770 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(203, 53, 60)` looks like.

```
.text, #text, p{  
    color:rgb(203, 53, 60)  
}
```

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(203, 53, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 53, 60) }
```

Border

The CSS property to change the border of an element to YIQ 98.6480, 87.1530, 33.9770 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(203, 53, 60) }
```


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

```
.border{ border-color:rgb(203, 53, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 53, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 53, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 53, 60);  
box-shadow:4px 4px 4px 4px rgb(203, 53,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 98.6480, 87.1530, 33.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 53, 60) }
```

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

```
.background{ background-color: rgb(203, 53,  
60) }
```

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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