

Converting Colors

YIQ(98.2560, 82.3850, 32.2810)

Have a look what the booklet for
YIQ(98.2560, 82.3850, 32.2810)
contains.

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Color

**YIQ(98.2560, 82.3850,
32.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	C5373E
RGB	197, 55, 62
RGB Percent	77%, 22%, 24%
CMY	0.2271, 0.7845, 0.7565
CMYK	0.00, 0.72, 0.68, 0.23
HSL	357°, 56%, 49%
HSV	357°, 72%, 77%
XYZ	25.2839, 14.9575, 6.1237
YIQ	98.2560, 82.3850, 32.2810

Conversions

Conversions Part 2

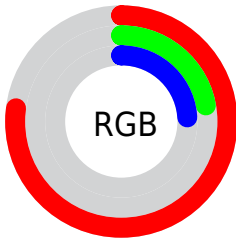
Format	Color
R_{YB}	197, 55, 62
Decimal	12924734
CIE _{Lab}	45.58, 56.15, 29.54
CIE _{LCh}	46, 63.449, 27.746
Yxy	14.9575, 0.5453, 0.3226
Android (android.graphics.Color)	4291114814 (0xFFC5373E)
YUV	98.2560, -17.8742, 86.5985
Hunter-Lab	38.6749, 49.0141, 17.6846

Details

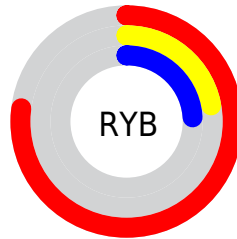
The YIQ color **98.2560, 82.3850, 32.2810** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **153.7440, -82.3850, -32.2810**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.5290, 85.8700, 29.6940**, and **42.9440, 74.6360, 35.0520** is the 20% darker color. If you saturate the color by 10%, you get **84.3500, 93.9840, 36.8320**, and if you desaturate by 10%, it is **112.1620, 70.7860, 27.7300**.

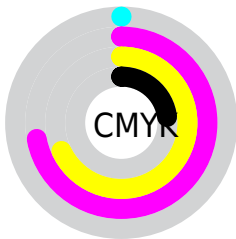
Distribution



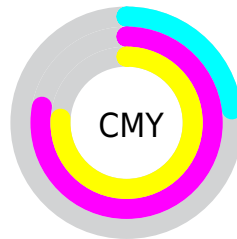
- Red (77%)
- Green (22%)
- Blue (24%)



- Red (77%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (72%)
- Yellow (68%)
- Black (23%)





- Cyan (23%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.2560, 82.3850, 32.2810 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 98.2560, 82.3850, 32.2810 by changing the saturation by 10% instead.


 98.2560, 82.3850,
32.2810


 98.2560, 82.3850,
32.2810


255.0000, -0.0000,
-0.0000


 65.9340, 80.5960,
37.1720


 154.5290, 85.8700,
29.6940


 42.9440, 74.6360,
35.0520


 173.2280, 70.4200,
23.3480


 31.6940, 63.1760,
22.4720


 192.6280, 54.3740,
16.7900

 22.7240, 45.2960,
16.1120

 212.7290, 37.7320,
10.0200

 14.5800, 27.9660,
10.7980

 232.9440, 20.7690,
3.5610

 0.0000, 0.0000,
0.0000

 253.8600, 3.2100,

-3.1100

■ 98.2560, 82.3850,
32.2810

■ 98.2560, 82.3850,
32.2810

■ 84.3500, 93.9840,
36.8320

■ 112.1620, 70.7860,
27.7300

■ 71.1450, 104.9870,
41.1710

■ 125.4810, 59.4620,
23.7020

■ 60.0430, 114.2020,
44.8740

■ 139.2730, 48.1840,
18.8400

■ 153.1790, 36.5850,
14.2890

■ 166.4980, 25.2610,
10.2610

■ 180.2900, 13.9830,
5.3990

■ 194.1960, 2.3840,
0.8480

■ 208.1020, -9.2150,
-3.7030

■ 221.4210,
-20.5390, -7.7310

Harmonies

Analogous

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



98.3140, 68.4430, 53.6830



98.2560, 82.3850, 32.2810



100.7300, 79.5490, -4.4430

Triad

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



98.2560, 82.3850, 32.2810



79.9070, -50.0120, -51.8040



92.6020, -100.9150, 6.1970

Complementary

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



98.2560, 82.3850, 32.2810



153.7440, -82.3850, -32.2810

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.



97.1210, -98.4830, -4.8430



98.2560, 82.3850, 32.2810



88.5250, -68.7670, -36.7910

Square

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



98.2560, 82.3850, 32.2810



94.3710, 16.1470, -44.8530



94.6810, -86.1010, -19.9970



107.0130, -35.2640, 33.3760

Rectangle

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



98.2560, 82.3850, 32.2810



102.0770, 61.8540, -19.6660



94.6810, -86.1010, -19.9970



95.1950, -101.3270, 2.6490

Sweetspot

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



98.2560, 82.3850, 32.2810



216.0860, 32.4130, 12.8050



110.9550, 33.6860, 72.3580



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.



98.2560, 82.3850, 32.2810



100.6320, 128.7810, 50.4850



133.8520, 67.5820, -2.3220



92.6910, 5.3640, 1.9080



49.6490, 94.5800, 37.0440



10.9920, 20.8140, 8.2540

Inverse Universe

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



98.2560, 82.3850, 32.2810



100.6320, 128.7810, 50.4850



118.1480, -67.5820, 2.3220



92.6910, 5.3640, 1.9080



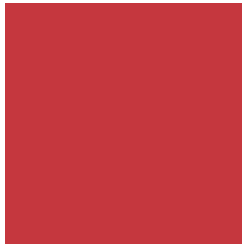
49.6490, 94.5800, 37.0440



10.9920, 20.8140, 8.2540

Previews

White Background



This preview shows how the YIQ color 98.2560, 82.3850, 32.2810 looks on a white background.

Color Contrast Check

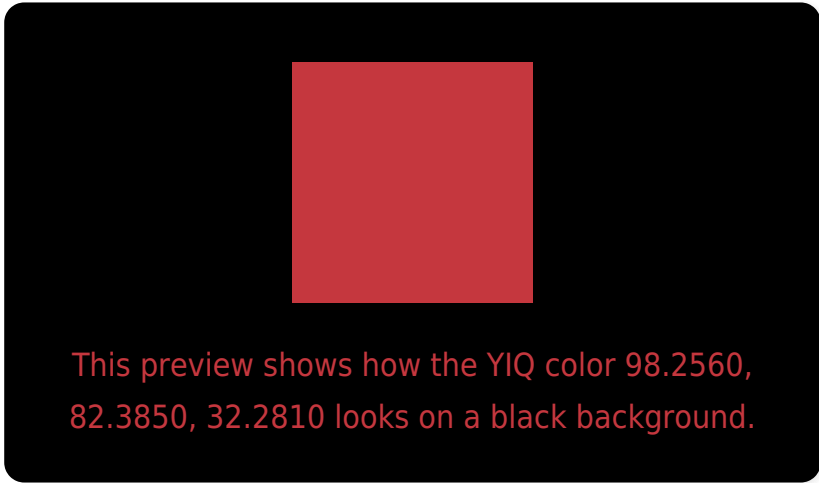
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.2560, 82.3850, 32.2810

Background



This preview shows how black text looks on a background with the YIQ color 98.2560, 82.3850, 32.2810.



This preview shows how white text looks on a background with the YIQ color 98.2560, 82.3850,

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

98.2560, 82.3850, 32.2810

Protanopia

108.0150, 12.8390, -6.9130

Deuteranopia

107.2700, 33.9300, -9.1900



Tritanopia

98.3870, 83.3940, 30.5140

Trichromacy



Original Color

98.2560, 82.3850, 32.2810

Protanomaly

104.1480, 37.8700, 7.5180

Deuteranomaly

103.9230, 51.6250, 6.0330

Tritanomaly

98.5010, 83.0730, 30.8250

Monochromacy



Original Color

98.2560, 82.3850, 32.2810

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.8900, 30.0290, 11.9570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.2560, 82.3850, 32.2810 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(197, 55, 62)` looks like.

```
.text, #text, p{  
    color:rgb(197, 55, 62)  
}
```

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(197, 55, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 55, 62) }
```

Border

The CSS property to change the border of an element to YIQ 98.2560, 82.3850, 32.2810 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(197, 55, 62) }
```


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

```
.border{ border-color:rgb(197, 55, 62) }
```

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

Here you see how a box with a 4 pixel rgb(197, 55, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 55, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 55, 62);  
box-shadow:4px 4px 4px 4px rgb(197, 55,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 98.2560, 82.3850, 32.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 55, 62) }
```

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

```
.background{ background-color: rgb(197, 55,  
62) }
```

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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