

Converting Colors

YIQ(98.5480, 75.6910, 32.4510)

Have a look what the booklet for
YIQ(98.5480, 75.6910, 32.4510)
contains.

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Color

**YIQ(98.5480, 75.6910,
32.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3946
RGB	191, 57, 70
RGB Percent	75%, 22%, 27%
CMY	0.2507, 0.7767, 0.7252
CMYK	0.00, 0.70, 0.63, 0.25
HSL	354°, 54%, 49%
HSV	354°, 70%, 75%
XYZ	24.0750, 14.4510, 7.3270
YIQ	98.5480, 75.6910, 32.4510

Conversions

Conversions Part 2

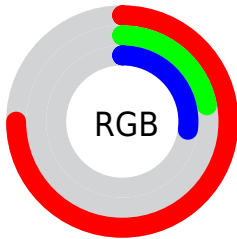
Format	Color
RYB	191, 57, 70
Decimal	12532038
CIELab	44.87, 53.98, 23.60
CIELCh	45, 58.911, 23.620
Yxy	14.4510, 0.5250, 0.3152
Android (android.graphics.Color)	4290722118 (0xFFBF3946)
YUV	98.5480, -14.0742, 81.0804
Hunter-Lab	38.0145, 46.5208, 15.1824

Details

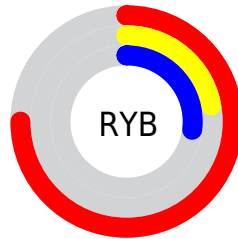
The YIQ color **98.5480, 75.6910, 32.4510** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **149.4520, -75.6910, -32.4510**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4300, 81.8350, 31.2350**, and **42.2470, 69.4090, 36.1690** is the 20% darker color. If you saturate the color by 10%, you get **85.4570, 86.3730, 37.1010**, and if you desaturate by 10%, it is **111.6390, 65.0090, 27.8010**.

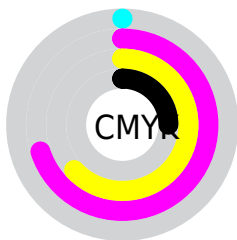
Distribution



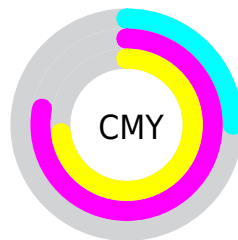
- Red (75%)
- Green (22%)
- Blue (27%)



- Red (75%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (63%)
- Black (25%)





- Cyan (25%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.5480, 75.6910, 32.4510 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 98.5480, 75.6910, 32.4510 by changing the saturation by 10% instead.


 98.5480, 75.6910,
32.4510


 98.5480, 75.6910,
32.4510


255.0000, -0.0000,
-0.0000


 67.6990, 73.9480,
36.5080


 155.4300, 81.8350,
31.2350


 42.2470, 69.4090,
36.1690


 174.8410, 67.2560,
25.6240


 30.6120, 60.4710,
21.9350

 194.2410, 51.2100,
19.0660

 21.6420, 42.5910,
15.5750

 214.4560, 34.2470,
12.6070

 13.2700, 25.9030,
9.6390

 234.6710, 17.2840,
6.1480

 0.0000, 0.0000,
0.0000

254.8860, 0.3210,

-0.3110

■ 98.5480, 75.6910,
32.4510

■ 98.5480, 75.6910,
32.4510

■ 85.4570, 86.3730,
37.1010

■ 111.6390, 65.0090,
27.8010

■ 72.3660, 97.0550,
41.7510

■ 124.8440, 54.0060,
23.4620

■ 59.2750, 107.7370,
46.4010

■ 137.9350, 43.3240,
18.8120

■ 151.0260, 32.6420,
14.1620

■ 164.1170, 21.9600,
9.5120

■ 177.9090, 10.6820,
4.6500

■ 191.0000, -0.0000,
-0.0000

■ 204.0910,
-10.6820, -4.6500

■ 217.1820,
-21.3640, -9.3000

Harmonies

Analogous

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



100.5900, 58.6780, 48.9340



98.5480, 75.6910, 32.4510



100.5370, 73.0830, 2.6110

Triad

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



98.5480, 75.6910, 32.4510



77.6900, -47.9030, -51.4790



90.7610, -97.1090, 3.2990

Complementary

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



98.5480, 75.6910, 32.4510



149.4520, -75.6910, -32.4510

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.



94.4650, -93.7600, -7.8400



98.5480, 75.6910, 32.4510



85.8520, -65.3740, -37.7100

Square

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



98.5480, 75.6910, 32.4510



94.7140, 22.6110, -40.8530



91.5520, -81.4240, -22.1600



104.2030, -41.9110, 27.1850

Rectangle

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



98.5480, 75.6910, 32.4510



100.0280, 63.5500, -17.3620



91.5520, -81.4240, -22.1600



92.7670, -97.2460, 0.2740

Sweetspot

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



98.5480, 75.6910, 32.4510



211.1180, 29.3870, 12.5790



108.4550, 29.1020, 67.3260



103.6110, 17.5130, 7.5050



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



98.5480, 75.6910, 32.4510



104.1730, 116.9520, 50.1040



128.7640, 65.0140, 0.1660



87.8050, 5.0430, 2.2190



48.9520, 89.3530, 38.1610



9.6110, 17.5130, 7.5050

Inverse Universe

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



98.5480, 75.6910, 32.4510



104.1730, 116.9520, 50.1040



119.2360, -65.0140, -0.1660



87.8050, 5.0430, 2.2190



48.9520, 89.3530, 38.1610



9.6110, 17.5130, 7.5050

Previews

White Background



This preview shows how the YIQ color 98.5480, 75.6910, 32.4510 looks on a white background.

Color Contrast Check

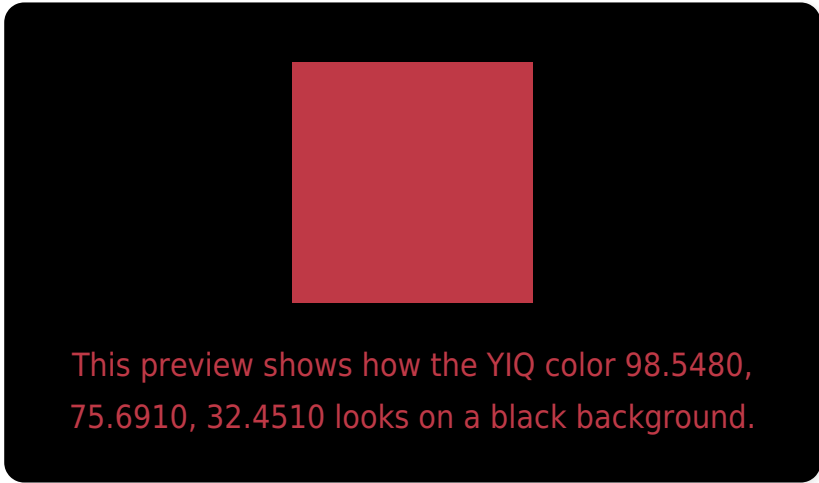
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.5480, 75.6910, 32.4510

Background



This preview shows how black text looks on a background with the YIQ color 98.5480, 75.6910, 32.4510.



This preview shows how white text looks on a background with the YIQ color 98.5480, 75.6910,

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

98.5480, 75.6910, 32.4510

Protanopia

106.9700, 8.7120, -3.7040

Deuteranopia

105.9260, 29.2070, -6.1930



Tritanopia

98.1090, 78.3050, 29.1290

Trichromacy



Original Color

98.5480, 75.6910, 32.4510

Protanomaly

103.8640, 32.9180, 9.1580

Deuteranomaly

103.4540, 45.7560, 7.7720

Tritanomaly

98.4510, 77.3420, 30.0620

Monochromacy



Original Color

98.5480, 75.6910, 32.4510

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.8080, 27.3240, 11.4200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.5480, 75.6910, 32.4510 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(191, 57, 70)` looks like.

```
.text, #text, p{  
    color:rgb(191, 57, 70)  
}
```

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(191, 57, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 57, 70) }
```

Border

The CSS property to change the border of an element to YIQ 98.5480, 75.6910, 32.4510 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(191, 57, 70) }
```


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

```
.border{ border-color:rgb(191, 57, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 57, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 57, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 57, 70);  
box-shadow:4px 4px 4px 4px rgb(191, 57,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 98.5480, 75.6910, 32.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 57, 70) }
```

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

```
.background{ background-color: rgb(191, 57,  
70) }
```

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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