

Converting Colors

YIQ(98.9070, 76.0580, 31.3060)

Have a look what the booklet for
YIQ(98.9070, 76.0580, 31.3060)
contains.

YIQ(98.9070, 76.0580, 31.3060)	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(98.9070, 76.0580,
31.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3A44
RGB	191, 58, 68
RGB Percent	75%, 23%, 27%
CMY	0.2507, 0.7727, 0.7330
CMYK	0.00, 0.70, 0.64, 0.25
HSL	355°, 53%, 49%
HSV	355°, 70%, 75%
XYZ	24.0625, 14.5258, 7.0164
YIQ	98.9070, 76.0580, 31.3060

Conversions

Conversions Part 2

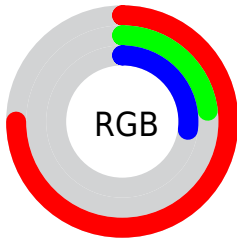
Format	Color
R_{YB}	191, 58, 68
Decimal	12532292
CIE _{Lab}	44.98, 53.47, 24.95
CIE _{LCh}	45, 59.004, 25.016
Yxy	14.5258, 0.5276, 0.3185
Android (android.graphics.Color)	4290722372 (0xFFBF3A44)
YUV	98.9070, -15.2372, 80.7656
Hunter-Lab	38.1127, 45.9988, 15.7639

Details

The YIQ color **98.9070, 76.0580, 31.3060** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **150.0930, -76.0580, -31.3060**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2020, 82.4770, 30.6130**, and **42.0190, 70.0510, 35.5470** is the 20% darker color. If you saturate the color by 10%, you get **85.7020, 87.0610, 35.6450**, and if you desaturate by 10%, it is **112.1120, 65.0550, 26.9670**.

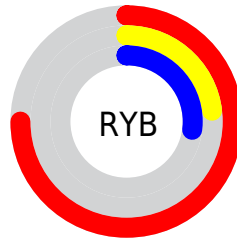
Distribution



Red (75%)

Green (23%)

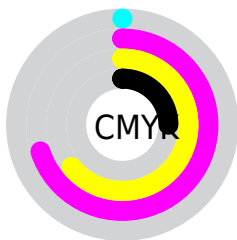
Blue (27%)



Red (75%)

Yellow (23%)

Blue (27%)

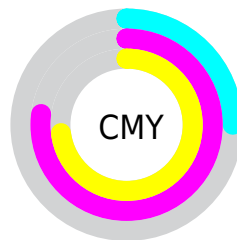


Cyan (0%)

Magenta (70%)

Yellow (64%)

Black (25%)



Cyan (25%)

Magenta (77%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.9070, 76.0580, 31.3060 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 98.9070, 76.0580, 31.3060 by changing the saturation by 10% instead.

■ 98.9070, 76.0580,
31.3060

■ 98.9070, 76.0580,
31.3060

255.0000, -0.0000,
-0.0000

■ 68.6450, 74.0400,
34.8400

■ 155.2020, 82.4770,
30.6130

■ 42.0190, 70.0510,
35.5470

■ 175.2000, 67.6230,
24.4790

■ 30.4980, 60.7920,
21.6240

■ 194.6000, 51.5770,
17.9210

■ 21.5280, 42.9120,
15.2640

■ 214.1140, 35.2100,
11.6740

■ 13.2700, 25.9030,
9.6390

■ 234.3290, 18.2470,
5.2150

■ 0.0000, 0.0000,
0.0000

254.6580, 0.9630,

-0.9330

■ 98.9070, 76.0580,
31.3060

■ 98.9070, 76.0580,
31.3060

■ 85.7020, 87.0610,
35.6450

■ 112.1120, 65.0550,
26.9670

■ 72.6110, 97.7430,
40.2950

■ 125.2030, 54.3730,
22.3170

■ 59.4060, 108.7460,
44.6340

■ 138.4080, 43.3700,
17.9780

■ 58.8190, 109.0210,
45.1570

■ 151.6130, 32.3670,
13.6390

■ 164.7040, 21.6850,
8.9890

■ 178.4960, 10.4070,
4.1270

■ 191.7010, -0.5960,
-0.2120

■ 204.7920,
-11.2780, -4.8620

■ 217.9970,
-22.2810, -9.2010

Harmonies

Analogous

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



100.0740, 60.1910, 49.0470



98.9070, 76.0580, 31.3060



100.5970, 72.8540, 1.2540

Triad

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



98.9070, 76.0580, 31.3060



77.9180, -48.5450, -50.8570



90.8750, -97.4300, 3.6100

Complementary

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



98.9070, 76.0580, 31.3060



150.0930, -76.0580, -31.3060

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.



94.6930, -94.4020, -7.2180



98.9070, 76.0580, 31.3060



86.0800, -66.0160, -37.0880

Square

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



98.9070, 76.0580, 31.3060



94.7030, 21.1440, -41.8000



91.8940, -82.3870, -21.2270



104.9970, -38.3350, 28.4570

Rectangle

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



98.9070, 76.0580, 31.3060



100.3160, 62.6790, -18.0970



91.8940, -82.3870, -21.2270



92.8810, -97.5670, 0.5850

Sweetspot

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



98.9070, 76.0580, 31.3060



211.0040, 29.7080, 12.2680



109.6400, 30.0190, 67.2270



103.4970, 17.8340, 7.1940



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.



98.9070, 76.0580, 31.3060



103.6030, 118.5570, 48.5490



130.0520, 64.1430, -0.5690



87.8050, 5.0430, 2.2190



48.6100, 90.3160, 37.2280



9.4970, 17.8340, 7.1940

Inverse Universe

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



98.9070, 76.0580, 31.3060



103.6030, 118.5570, 48.5490



118.9480, -64.1430, 0.5690



87.8050, 5.0430, 2.2190



48.6100, 90.3160, 37.2280



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 98.9070, 76.0580, 31.3060 looks on a white background.

Color Contrast Check

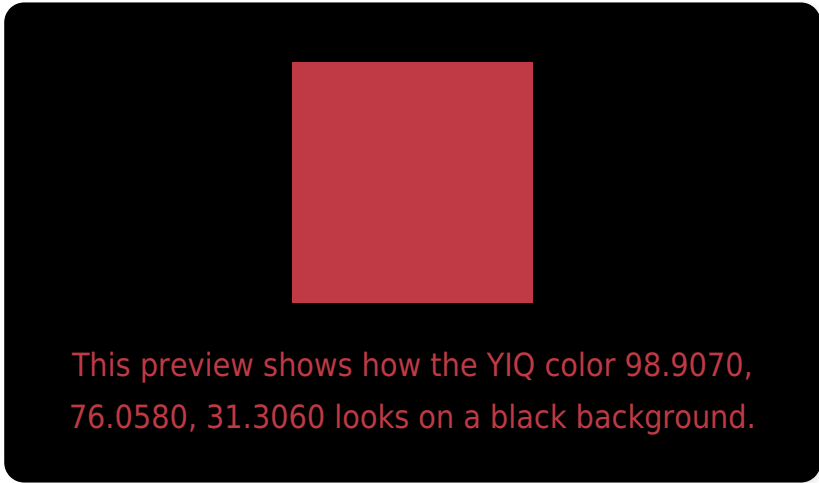
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.9070, 76.0580, 31.3060

Background



This preview shows how black text looks on a background with the YIQ color 98.9070, 76.0580, 31.3060.



This preview shows how white text looks on a background with the YIQ color 98.9070, 76.0580,

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

98.9070, 76.0580, 31.3060

Protanopia

106.6280, 9.6750, -4.6370

Deuteranopia

105.9970, 30.4450, -6.6030



Tritanopia

98.8100, 77.7090, 28.9170

Trichromacy



Original Color

98.9070, 76.0580, 31.3060

Protanomaly

103.6360, 33.5600, 8.5360

Deuteranomaly

103.5250, 46.9940, 7.3620

Tritanomaly

99.0380, 77.0670, 29.5390

Monochromacy



Original Color

98.9070, 76.0580, 31.3060

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 98.9070, 76.0580, 31.3060 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, 58, 68)` looks like.

```
.text, #text, p{  
    color:rgb(191, 58, 68)  
}
```

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, 58, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 58, 68) }
```

Border

The CSS property to change the border of an element to YIQ 98.9070, 76.0580, 31.3060 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, 58, 68) }
```


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

```
.border{ border-color:rgb(191, 58, 68) }
```

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

Here you see how a box with a 4 pixel rgb(191, 58, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 58, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 58, 68);  
box-shadow:4px 4px 4px 4px rgb(191, 58,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 98.9070, 76.0580, 31.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 58, 68) }
```

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

```
.background{ background-color: rgb(191, 58,  
68) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor