

Converting Colors

YIQ(94.3970, 77.4340, 28.3940)

Have a look what the booklet for
YIQ(94.3970, 77.4340, 28.3940)
contains.

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Color

**YIQ(94.3970, 77.4340,
28.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3739
RGB	186, 55, 57
RGB Percent	73%, 22%, 22%
CMY	0.2703, 0.7845, 0.7762
CMYK	0.00, 0.70, 0.69, 0.27
HSL	359°, 54%, 47%
HSV	359°, 70%, 73%
XYZ	22.3731, 13.4724, 5.3023
YIQ	94.3970, 77.4340, 28.3940

Conversions

Conversions Part 2

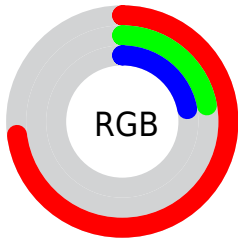
Format	Color
R_{YB}	186, 55, 57
Decimal	12203833
CIE _{Lab}	43.47, 52.40, 29.49
CIE _{LCh}	43, 60.129, 29.373
Yxy	13.4724, 0.5437, 0.3274
Android (android.graphics.Color)	4290393913 (0xFFBA3739)
YUV	94.3970, -18.4367, 80.3358
Hunter-Lab	36.7048, 44.5699, 17.1284

Details

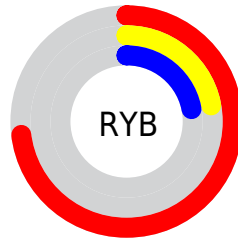
The YIQ color **94.3970, 77.4340, 28.3940** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **146.6030, -77.4340, -28.3940**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.5780, 84.1740, 27.3900**, and **39.0850, 69.6850, 31.1650** is the 20% darker color. If you saturate the color by 10%, you get **81.1920, 88.4370, 32.7330**, and if you desaturate by 10%, it is **107.6020, 66.4310, 24.0550**.

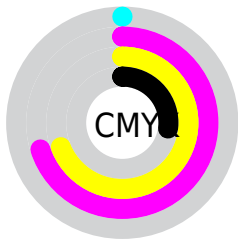
Distribution



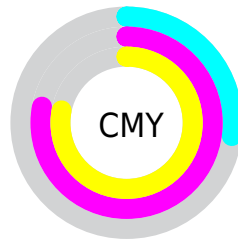
- Red (73%)
- Green (22%)
- Blue (22%)



- Red (73%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (27%)



- Cyan (27%)
- Magenta (78%)
- Yellow (78%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.3970, 77.4340, 28.3940 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 94.3970, 77.4340, 28.3940 by changing the saturation by 10% instead.

■ 94.3970, 77.4340,
28.3940

■ 94.3970, 77.4340,
28.3940

■ 255.0000, -0.0000,
-0.0000

■ 64.1350, 75.4160,
31.9280

■ 150.5780, 84.1740,
27.3900

■ 39.3840, 70.2810,
31.3770

■ 171.9570, 72.6210,
22.0050

■ 28.7040, 57.2160,
20.3520

■ 190.8840, 56.5290,
16.2810

■ 20.1470, 39.6110,
14.5150

■ 210.8710, 40.2080,
9.2000

■ 11.4760, 22.3270,
8.3670

■ 231.0860, 23.2450,
2.7410

■ 0.0000, 0.0000,
0.0000

■ 251.3010, 6.2820,

-3.7180

■ 94.3970, 77.4340,
28.3940

■ 94.3970, 77.4340,
28.3940

■ 81.1920, 88.4370,
32.7330

■ 107.6020, 66.4310,
24.0550

■ 68.4600, 99.4860,
36.2380

■ 120.3340, 55.3820,
20.5500

■ 55.9560, 109.8930,
40.3650

■ 133.5390, 44.3790,
16.2110

■ 146.1570, 33.6510,
12.3950

■ 159.4760, 22.3270,
8.3670

■ 172.6810, 11.3240,
4.0280

■ 185.2990, 0.5960,
0.2120

■ 198.6180,
-10.7280, -3.8160

■ 211.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



93.8250, 65.3260, 49.5980



94.3970, 77.4340, 28.3940



96.2670, 73.5430, -5.7290

Triad

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



94.3970, 77.4340, 28.3940



76.4990, -48.6830, -48.3550



87.1250, -95.1380, 6.1260

Complementary

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



94.3970, 77.4340, 28.3940



146.6030, -77.4340, -28.3940

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.



91.8720, -93.3480, -4.2920



94.3970, 77.4340, 28.3940



84.1880, -66.2000, -33.7520

Square

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



94.3970, 77.4340, 28.3940



89.6420, 13.9460, -43.5100



89.8880, -82.2500, -18.2020



103.1940, -28.5240, 32.3720

Rectangle

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



94.3970, 77.4340, 28.3940



96.7390, 56.9940, -19.6940



89.8880, -82.2500, -18.2020



89.8320, -95.8710, 2.8890

Sweetspot

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



94.3970, 77.4340, 28.3940



206.3630, 30.0750, 11.1230



108.5050, 34.8330, 68.0890



100.9700, 17.8800, 6.3600



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



94.3970, 77.4340, 28.3940



98.0500, 121.4920, 44.9160



131.1500, 60.7510, -5.1770



85.6910, 5.3640, 1.9080



46.9860, 92.0130, 34.0050



8.3720, 16.6880, 5.9360

Inverse Universe

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



94.3970, 77.4340, 28.3940



98.0500, 121.4920, 44.9160



109.8500, -60.7510, 5.1770



85.6910, 5.3640, 1.9080



46.9860, 92.0130, 34.0050



8.3720, 16.6880, 5.9360

Previews

White Background



This preview shows how the YIQ color 94.3970, 77.4340, 28.3940 looks on a white background.

Color Contrast Check

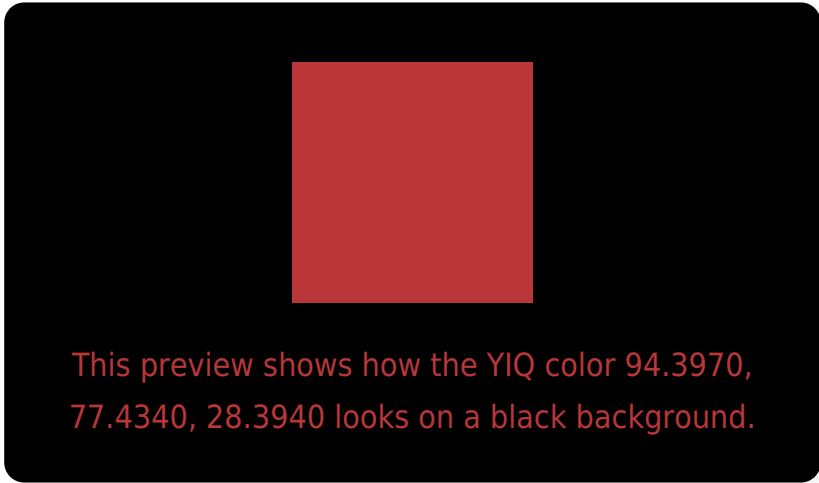
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.3970, 77.4340, 28.3940

Background



This preview shows how black text looks on a background with the YIQ color 94.3970, 77.4340, 28.3940.



This preview shows how white text looks on a background with the YIQ color 94.3970, 77.4340,

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

94.3970, 77.4340, 28.3940

Protanopia

102.2000, 13.7560, -7.0120

Deuteranopia

102.0850, 33.0130, -9.0910



Tritanopia

94.3970, 77.4340, 28.3940

Trichromacy



Original Color

94.3970, 77.4340, 28.3940

Protanomaly

99.4960, 36.7700, 5.4260

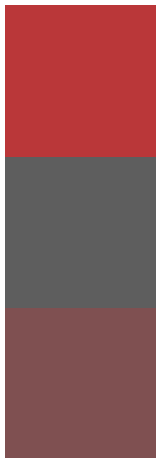
Deuteranomaly

99.3140, 48.9660, 4.6620

Tritanomaly

94.3970, 77.4340, 28.3940

Monochromacy



Original Color

94.3970, 77.4340, 28.3940

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1670, 27.6910, 10.2750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.3970, 77.4340, 28.3940 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(186, 55, 57)` looks like.

```
.text, #text, p{  
    color:rgb(186, 55, 57)  
}
```

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(186, 55, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 55, 57) }
```

Border

The CSS property to change the border of an element to YIQ 94.3970, 77.4340, 28.3940 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(186, 55, 57) }
```


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

```
.border{ border-color:rgb(186, 55, 57) }
```

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

Here you see how a box with a 4 pixel rgb(186, 55, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 55, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 55, 57);  
box-shadow:4px 4px 4px 4px rgb(186, 55,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 94.3970, 77.4340, 28.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 55, 57) }
```

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

```
.background{ background-color: rgb(186, 55,  
57) }
```

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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