

Converting Colors

YIQ(96.8140, 71.8860, 29.8220)

Have a look what the booklet for
YIQ(96.8140, 71.8860, 29.8220)
contains.

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Color

**YIQ(96.8140, 71.8860,
29.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	B83A44
RGB	184, 58, 68
RGB Percent	72%, 23%, 27%
CMY	0.2781, 0.7727, 0.7331
CMYK	0.00, 0.69, 0.63, 0.28
HSL	355°, 52%, 47%
HSV	355°, 69%, 72%
XYZ	22.3418, 13.6390, 6.9352
YIQ	96.8140, 71.8860, 29.8220

Conversions

Conversions Part 2

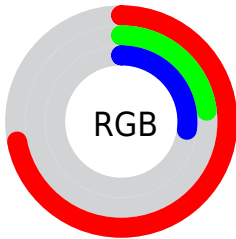
Format	Color
RYB	184, 58, 68
Decimal	12073540
CIELab	43.71, 51.20, 23.08
CIElCh	44, 56.163, 24.261
Yxy	13.6390, 0.5206, 0.3178
Android (android.graphics.Color)	4290263620 (0xFFB83A44)
YUV	96.8140, -14.2053, 76.4621
Hunter-Lab	36.9310, 43.3563, 14.7177

Details

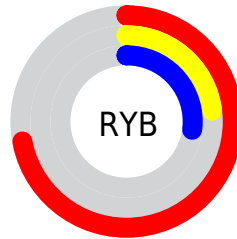
The YIQ color **96.8140, 71.8860, 29.8220** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **145.1860, -71.8860, -29.8220**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8100, 77.7090, 28.9170**, and **39.9260, 65.8790, 34.0630** is the 20% darker color. If you saturate the color by 10%, you get **84.3100, 82.2930, 33.9490**, and if you desaturate by 10%, it is **109.3180, 61.4790, 25.6950**.

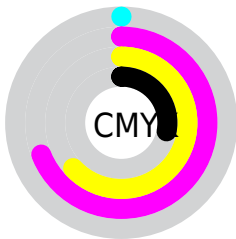
Distribution



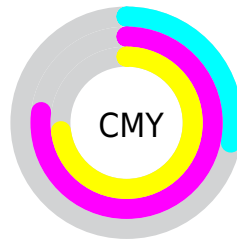
- Red (72%)
- Green (23%)
- Blue (27%)



- Red (72%)
- Yellow (23%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (63%)
- Black (28%)



- Cyan (28%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.8140, 71.8860, 29.8220 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 96.8140, 71.8860, 29.8220 by changing the saturation by 10% instead.

■ 96.8140, 71.8860,
29.8220

■ 96.8140, 71.8860,
29.8220

■ 255.0000, -0.0000,
-0.0000

■ 67.1390, 69.5930,
32.8330

■ 152.8100, 77.7090,
28.9170

■ 39.9260, 65.8790,
34.0630

■ 174.6130, 67.8980,
25.0020

■ 28.7040, 57.2160,
20.3520

■ 194.0130, 51.8520,
18.4440

■ 20.1470, 39.6110,
14.5150

■ 213.5270, 35.4850,
12.1970

■ 11.4760, 22.3270,
8.3670

■ 233.7420, 18.5220,
5.7380

■ 0.0000, 0.0000,
0.0000

■ 254.0710, 1.2380,

-0.4100

■ 96.8140, 71.8860,
29.8220

■ 96.8140, 71.8860,
29.8220

■ 84.3100, 82.2930,
33.9490

■ 109.3180, 61.4790,
25.6950

■ 71.2190, 92.9750,
38.5990

■ 122.4090, 50.7970,
21.0450

■ 58.7150, 103.3820,
42.7260

■ 134.9130, 40.3900,
16.9180

■ 56.7260, 104.8490,
43.6730

■ 148.0040, 29.7080,
12.2680

■ 160.5080, 19.3010,
8.1410

■ 173.0120, 8.8940,
4.0140

■ 186.1030, -1.7880,
-0.6360

■ 198.6070,
-12.1950, -4.7630

■ 211.5840,
-22.5560, -9.7240

Harmonies

Analogous

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



98.8130, 56.4320, 45.5840



96.8140, 71.8860, 29.8220



98.2700, 69.4610, 2.1730

Triad

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



96.8140, 71.8860, 29.8220



76.4670, -45.6570, -48.1290



88.2020, -94.0370, 2.6910

Complementary

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



96.8140, 71.8860, 29.8220



145.1860, -71.8860, -29.8220

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.



91.4330, -90.7340, -7.6140



96.8140, 71.8860, 29.8220



83.3900, -63.9530, -35.9290

Square

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



96.8140, 71.8860, 29.8220



92.0560, 21.6480, -39.9200



88.7480, -79.0400, -21.3120



101.8290, -37.9220, 26.4780

Rectangle

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



96.8140, 71.8860, 29.8220



97.3590, 61.1200, -17.3760



88.7480, -79.0400, -21.3120



90.0940, -93.8530, -0.6450

Sweetspot

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



96.8140, 71.8860, 29.8220



204.7050, 29.1120, 12.0560



107.0480, 28.6900, 63.7780



99.1980, 17.2380, 6.9820



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



96.8140, 71.8860, 29.8220



103.7270, 112.2760, 46.7400



126.7850, 60.5210, -1.0070



85.6910, 5.3640, 1.9080



48.0120, 89.1240, 36.8040



8.6000, 16.0460, 6.5580

Inverse Universe

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



96.8140, 71.8860, 29.8220



103.7270, 112.2760, 46.7400



115.8020, -60.7960, 0.4840



85.6910, 5.3640, 1.9080



48.0120, 89.1240, 36.8040



8.6000, 16.0460, 6.5580

Previews

White Background



This preview shows how the YIQ color 96.8140, 71.8860, 29.8220 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



This preview shows how the YIQ color 96.8140, 71.8860, 29.8220 looks on a 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 96.8140, 71.8860, 29.8220

Background



This preview shows how black text looks on a background with the YIQ color 96.8140, 71.8860, 29.8220.

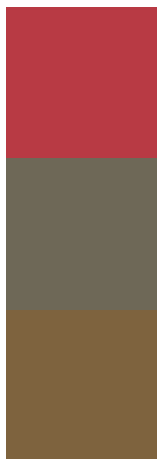


This preview shows how white text looks on a background with the YIQ color 96.8140, 71.8860,

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

96.8140, 71.8860, 29.8220

Protanopia

103.8560, 9.0330, -4.0150

Deuteranopia

102.8550, 27.9690, -5.7830



Tritanopia

96.7170, 73.5370, 27.4330

Trichromacy



Original Color

96.8140, 71.8860, 29.8220

Protanomaly

101.1520, 32.0470, 8.4230

Deuteranomaly

100.5570, 43.9680, 7.1360

Tritanomaly

96.9450, 72.8950, 28.0550

Monochromacy



Original Color

96.8140, 71.8860, 29.8220

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0960, 26.4530, 10.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.8140, 71.8860, 29.8220 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(184, 58, 68)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 58, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 58, 68) }
```

Border

The CSS property to change the border of an element to YIQ 96.8140, 71.8860, 29.8220 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(184, 58, 68) }
```


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

```
.border{ border-color:rgb(184, 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(184, 58, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 58, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 58, 68);  
box-shadow:4px 4px 4px 4px rgb(184, 58,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 96.8140, 71.8860, 29.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 58, 68) }
```

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

```
.background{ background-color: rgb(184, 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](#).

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