

Converting Colors

YIQ(108.6410, 70.6950, 23.8710)

Have a look what the booklet for
YIQ(108.6410, 70.6950, 23.8710)
contains.

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Color

**YIQ(108.6410, 70.6950,
23.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4A47
RGB	191, 74, 71
RGB Percent	75%, 29%, 28%
CMY	0.2507, 0.7100, 0.7213
CMYK	0.00, 0.61, 0.63, 0.25
HSL	1°, 48%, 51%
HSV	1°, 63%, 75%
XYZ	25.0887, 16.4324, 7.8228
YIQ	108.6410, 70.6950, 23.8710

Conversions

Conversions Part 2

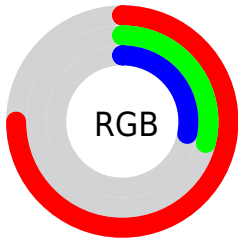
Format	Color
R_{YB}	191, 74, 71
Decimal	12536391
CIE _{Lab}	47.54, 46.87, 26.40
CIE _{LCh}	48, 53.797, 29.391
Yxy	16.4324, 0.5084, 0.3330
Android (android.graphics.Color)	4290726471 (0xFFBF4A47)
YUV	108.6410, -18.5570, 72.2288
Hunter-Lab	40.5369, 39.5363, 16.9340

Details

The YIQ color **108.6410, 70.6950, 23.8710** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **153.3590, -70.6950, -23.8710**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5770, 76.7470, 24.3230**, and **51.0520, 65.2840, 28.3240** is the 20% darker color. If you saturate the color by 10%, you get **95.3220, 82.0190, 27.8990**, and if you desaturate by 10%, it is **121.9600, 59.3710, 19.8430**.

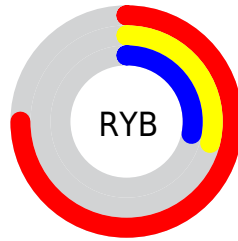
Distribution



Red (75%)

Green (29%)

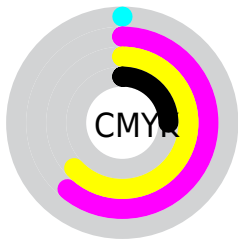
Blue (28%)



Red (75%)

Yellow (29%)

Blue (28%)

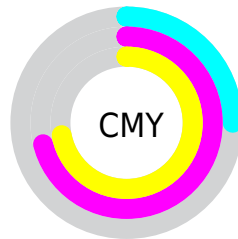


Cyan (0%)

Magenta (61%)

Yellow (63%)

Black (25%)



Cyan (25%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.6410, 70.6950, 23.8710 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 108.6410, 70.6950, 23.8710 by changing the saturation by 10% instead.

■ 108.6410, 70.6950,
23.8710

■ 108.6410, 70.6950,
23.8710

■ 255.0000, -0.0000,
-0.0000

■ 81.3140, 67.3020,
24.7900

■ 163.5770, 76.7470,
24.3230

■ 51.0520, 65.2840,
28.3240

■ 183.7600, 62.8100,
18.0900

■ 31.1390, 60.4250,
22.7690

■ 202.6870, 46.7180,
12.3660

■ 22.1260, 44.1040,
15.6880

■ 222.7880, 30.0760,
5.5960

■ 14.2810, 27.3700,
10.5860

■ 243.0030, 13.1130,
-0.8630

■ 0.0000, 0.0000,
0.0000

■ 108.6410, 70.6950,
23.8710

■ 108.6410, 70.6950,
23.8710

■ 95.3220, 82.0190,
27.8990

■ 121.9600, 59.3710,
19.8430

■ 82.5900, 93.0680,
31.4040

■ 134.6920, 48.3220,
16.3380

■ 69.2710, 104.3920,
35.4320

■ 148.0110, 36.9980,
12.3100

■ 60.0440, 112.4610,
37.8770

■ 161.4440, 25.3530,
8.5930

■ 174.1760, 14.3040,
5.0880

■ 187.4950, 2.9800,
1.0600

■ 200.2270, -8.0690,
-2.4450

■ 213.5460,

-19.3930, -6.4730

■ 226.8650,
-30.7170, -10.5010

Harmonies

Analogous

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



109.6620, 58.1750, 41.5270



108.6410, 70.6950, 23.8710



109.0690, 65.4730, -2.6470

Triad

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



108.6410, 70.6950, 23.8710



83.9050, -55.6980, -47.8740



92.5220, -97.9340, 1.7300

Complementary

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



108.6410, 70.6950, 23.8710



153.3590, -70.6950, -23.8710

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.



97.3830, -96.4650, -8.3770



108.6410, 70.6950, 23.8710



91.1980, -72.1600, -35.8720

Square

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



108.6410, 70.6950, 23.8710



102.0320, 13.0280, -37.8840



95.8550, -86.6510, -21.0430



114.0650, -23.8470, 30.2090

Rectangle

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



108.6410, 70.6950, 23.8710



106.7990, 56.7650, -21.0510



95.8550, -86.6510, -21.0430



95.2290, -98.6670, -1.5070

Sweetspot

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



108.6410, 70.6950, 23.8710



214.6400, 27.7370, 9.4410



120.3320, 33.6420, 62.1380



105.2580, 17.0090, 5.6250



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.



108.6410, 70.6950, 23.8710



119.6630, 109.1600, 37.1280



143.2740, 54.4700, -6.9860



87.6910, 5.3640, 1.9080



49.5900, 93.0680, 31.4040



9.8560, 18.2010, 6.0490

Inverse Universe

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



153.3590, -70.6950, -23.8710



189.3370, -109.1600, -37.1280



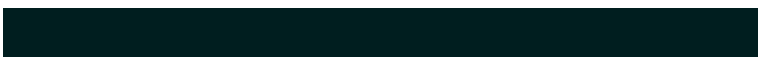
118.7260, -54.4700, 6.9860



91.3090, -5.3640, -1.9080



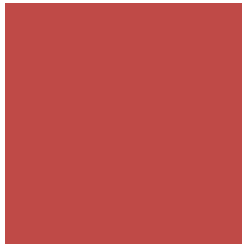
108.4100, -93.0680, -31.4040



21.1440, -18.2010, -6.0490

Previews

White Background



This preview shows how the YIQ color 108.6410, 70.6950, 23.8710 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 108.6410, 70.6950, 23.8710 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 108.6410, 70.6950, 23.8710

Background



This preview shows how black text looks on a background with the YIQ color 108.6410, 70.6950, 23.8710.



This preview shows how white text looks on a background with the YIQ color 108.6410, 70.6950,

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

108.6410, 70.6950, 23.8710

Protanopia

112.4280, 13.1140, -6.3900

Deuteranopia

112.0680, 31.6830, -7.0130



Tritanopia

108.7380, 69.0440, 26.2600

Trichromacy



Original Color

108.6410, 70.6950, 23.8710

Protanomaly

111.0010, 33.7900, 4.3660

Deuteranomaly

110.9330, 45.6650, 3.9130

Tritanomaly

108.5100, 69.6860, 25.6380

Monochromacy



Original Color

108.6410, 70.6950, 23.8710

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.7430, 25.9490, 8.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.6410, 70.6950, 23.8710 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, 74, 71)` looks like.

```
.text, #text, p{  
    color:rgb(191, 74, 71)  
}
```

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, 74, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 74, 71) }
```

Border

The CSS property to change the border of an element to YIQ 108.6410, 70.6950, 23.8710 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, 74, 71) }
```


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

```
.border{ border-color:rgb(191, 74, 71) }
```

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

Here you see how a box with a 4 pixel rgb(191, 74, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 74, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 74, 71);  
box-shadow:4px 4px 4px 4px rgb(191, 74,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 108.6410, 70.6950, 23.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 74, 71) }
```

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

```
.background{ background-color: rgb(191, 74,  
71) }
```

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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