

Converting Colors

YIQ(74.2870, 71.9320, 28.9880)

Have a look what the booklet for
YIQ(74.2870, 71.9320, 28.9880)
contains.

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Color

**YIQ(74.2870, 71.9320,
28.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	A1242C
RGB	161, 36, 44
RGB Percent	63%, 14%, 17%
CMY	0.3683, 0.8590, 0.8272
CMYK	0.00, 0.78, 0.73, 0.37
HSL	356°, 64%, 39%
HSV	356°, 78%, 63%
XYZ	15.7987, 9.0260, 3.2994
YIQ	74.2870, 71.9320, 28.9880

Conversions

Conversions Part 2

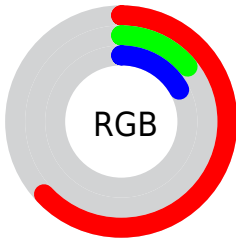
Format	Color
RYB	161, 36, 44
Decimal	10560556
CIELab	36.03, 50.63, 27.36
CIELCh	36, 57.549, 28.389
Yxy	9.0260, 0.5617, 0.3209
Android (android.graphics.Color)	4288750636 (0xFFA1242C)
YUV	74.2870, -14.9315, 76.0473
Hunter-Lab	30.0434, 41.2909, 14.5190

Details

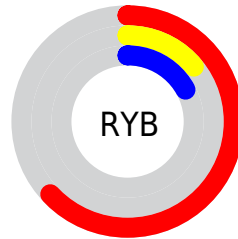
The YIQ color **74.2870, 71.9320, 28.9880** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **122.7130, -71.9320, -28.9880**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6420, 78.1220, 26.9380**, and **30.4980, 60.7920, 21.6240** is the 20% darker color. If you saturate the color by 10%, you get **63.1850, 81.1470, 32.6910**, and if you desaturate by 10%, it is **85.3890, 62.7170, 25.2850**.

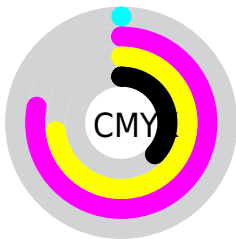
Distribution



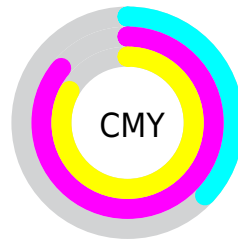
- Red (63%)
- Green (14%)
- Blue (17%)



- Red (63%)
- Yellow (14%)
- Blue (17%)



- Cyan (0%)
- Magenta (78%)
- Yellow (73%)
- Black (37%)





- Cyan (37%)
- Magenta (86%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.2870, 71.9320, 28.9880 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 74.2870, 71.9320, 28.9880 by changing the saturation by 10% instead.


 74.2870, 71.9320,
28.9880


 74.2870, 71.9320,
28.9880


255.0000, -0.0000,
-0.0000

 41.7910, 70.6930,
34.9250


 130.6420, 78.1220,
26.9380


 30.4980, 60.7920,
21.6240

 158.4960, 81.4690,
26.8530


 21.8270, 43.5080,
15.4760

 178.4940, 66.6150,
20.7190

 13.6830, 26.1780,
10.1620

 197.8940, 50.5690,
14.1610

 0.0000, 0.0000,
0.0000

 217.4080, 34.2020,
7.9140

 237.6230, 17.2390,

1.4550

254.4300, 1.6050,
-1.5550

■ 74.2870, 71.9320,
28.9880

■ 74.2870, 71.9320,
28.9880

■ 63.1850, 81.1470,
32.6910

■ 85.3890, 62.7170,
25.2850

■ 52.0830, 90.3620,
36.3940

■ 96.4910, 53.5020,
21.5820

■ 49.2790, 92.7460,
37.2420

■ 107.5930, 44.2870,
17.8790

■ 118.6950, 35.0720,
14.1760

■ 129.7970, 25.8570,
10.4730

■ 141.4860, 16.3670,
6.2470

■ 152.7020, 6.8310,
2.8550

■ 163.8040, -2.3840,
-0.8480

■ 174.9060,
-11.5990, -4.5510

Harmonies

Analogous

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



72.0850, 61.6580, 49.9940



74.2870, 71.9320, 28.9880



78.2540, 66.3900, -2.7460

Triad

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



74.2870, 71.9320, 28.9880



62.9350, -38.0470, -42.8710



74.2960, -82.4380, 7.2420

Complementary

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



74.2870, 71.9320, 28.9880



122.7130, -71.9320, -28.9880

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.



77.9830, -80.4190, -1.8190



74.2870, 71.9320, 28.9880



70.2820, -54.6010, -29.2010

Square

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



74.2870, 71.9320, 28.9880



73.7050, 9.6350, -36.9650



75.6400, -69.6880, -14.5840



83.7160, -30.1740, 29.2340

Rectangle

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



74.2870, 71.9320, 28.9880



79.8940, 49.4280, -14.7320



75.6400, -69.6880, -14.5840



76.4160, -82.8960, 4.5280

Sweetspot

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



74.2870, 71.9320, 28.9880



175.6940, 27.6450, 11.1090



85.2330, 29.6070, 63.6790



84.1980, 17.2380, 6.9820



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



74.2870, 71.9320, 28.9880



74.3740, 111.7720, 44.8600



105.0730, 59.6500, -1.7420



75.8050, 5.0430, 2.2190



44.3810, 83.5310, 33.5390



5.4960, 10.4070, 4.1270

Inverse Universe

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



74.2870, 71.9320, 28.9880



74.3740, 111.7720, 44.8600



91.9270, -59.6500, 1.7420



75.8050, 5.0430, 2.2190



44.3810, 83.5310, 33.5390



5.4960, 10.4070, 4.1270

Previews

White Background



This preview shows how the YIQ color 74.2870, 71.9320, 28.9880 looks on a white background.

Color Contrast Check

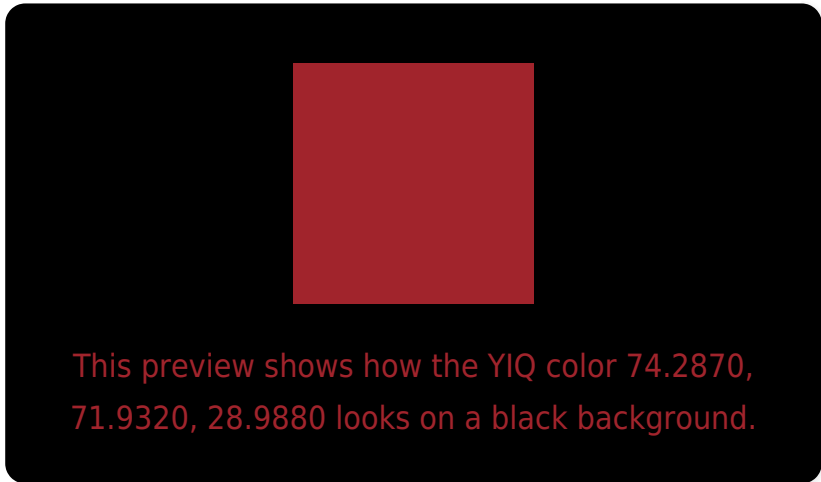
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 74.2870, 71.9320, 28.9880

Background



This preview shows how black text looks on a background with the YIQ color 74.2870, 71.9320, 28.9880.



This preview shows how white text looks on a background with the YIQ color 74.2870, 71.9320,

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

74.2870, 71.9320, 28.9880

Protanopia

85.2430, 12.1970, -6.2910

Deuteranopia

84.2310, 29.6660, -9.0060



Tritanopia

74.1900, 73.5830, 26.5990

Trichromacy



Original Color

74.2870, 71.9320, 28.9880

Protanomaly

81.4680, 33.9730, 6.5570

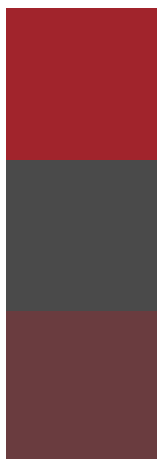
Deuteranomaly

80.5740, 45.2980, 5.0580

Tritanomaly

74.4180, 72.9410, 27.2210

Monochromacy



Original Color

74.2870, 71.9320, 28.9880

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.0960, 26.4530, 10.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.2870, 71.9320, 28.9880 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(161, 36, 44)` looks like.

```
.text, #text, p{  
    color:rgb(161, 36, 44)  
}
```

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(161, 36, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 36, 44) }
```

Border

The CSS property to change the border of an element to YIQ 74.2870, 71.9320, 28.9880 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(161, 36, 44) }
```


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

```
.border{ border-color:rgb(161, 36, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 36, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 36, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 36, 44);  
box-shadow:4px 4px 4px 4px rgb(161, 36,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 74.2870, 71.9320, 28.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 36, 44) }
```

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

```
.background{ background-color: rgb(161, 36,  
44) }
```

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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