

Converting Colors

YIQ(68.5430, 74.0870, 28.4790)

Have a look what the booklet for
YIQ(68.5430, 74.0870, 28.4790)
contains.

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Color

**YIQ(68.5430, 74.0870,
28.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	9D1E23
RGB	157, 30, 35
RGB Percent	62%, 12%, 14%
CMY	0.3840, 0.8825, 0.8625
CMYK	0.00, 0.81, 0.78, 0.38
HSL	358°, 68%, 37%
HSV	358°, 81%, 62%
XYZ	14.6872, 8.2236, 2.4091
YIQ	68.5430, 74.0870, 28.4790

Conversions

Conversions Part 2

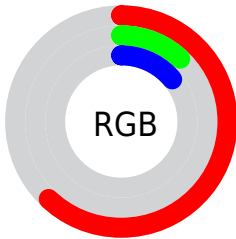
Format	Color
RYB	157, 30, 35
Decimal	10296867
CIELab	34.44, 50.88, 30.83
CIElCh	34, 59.488, 31.211
Yxy	8.2236, 0.5801, 0.3248
Android (android.graphics.Color)	4288486947 (0xFF9D1E23)
YUV	68.5430, -16.5367, 77.5768
Hunter-Lab	28.6768, 41.2370, 15.0929

Details

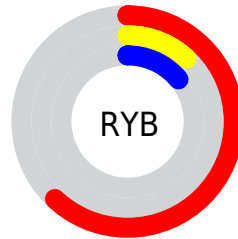
The YIQ color **68.5430, 74.0870, 28.4790** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **118.4570, -74.0870, -28.4790**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.3710, 80.3230, 25.5950**, and **29.0030, 57.8120, 20.5640** is the 20% darker color. If you saturate the color by 10%, you get **57.4410, 83.3020, 32.1820**, and if you desaturate by 10%, it is **79.6450, 64.8720, 24.7760**.

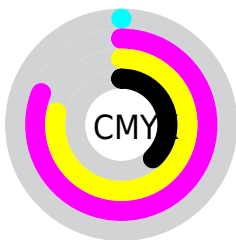
Distribution



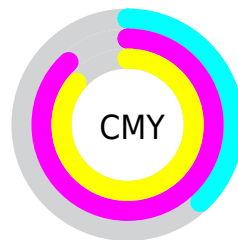
- Red (62%)
- Green (12%)
- Blue (14%)



- Red (62%)
- Yellow (12%)
- Blue (14%)



- Cyan (0%)
- Magenta (81%)
- Yellow (78%)
- Black (38%)



- Cyan (38%)
- Magenta (88%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.5430, 74.0870, 28.4790 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 68.5430, 74.0870, 28.4790 by changing the saturation by 10% instead.

■ 68.5430, 74.0870,
28.4790

■ 68.5430, 74.0870,
28.4790

255.0000, -0.0000,
-0.0000

■ 39.5690, 71.1980,
31.2780

■ 125.3710, 80.3230,
25.5950

■ 29.3020, 58.4080,
20.7760

■ 153.2250, 83.6700,
25.5100

■ 20.3320, 40.5280,
14.4160

■ 174.3050, 71.5210,
19.9130

■ 12.0740, 23.5190,
8.7910

■ 193.8190, 55.1540,
13.6660

■ 0.0000, 0.0000,
0.0000

■ 213.3330, 38.7870,
7.4190

■ 233.4340, 22.1450,

0.6490

■ 253.1760, 5.1360,
-4.9760

■ 68.5430, 74.0870,
28.4790

■ 68.5430, 74.0870,
28.4790

■ 57.4410, 83.3020,
32.1820

■ 79.6450, 64.8720,
24.7760

■ 47.6270, 91.6460,
35.1500

■ 90.1600, 55.9320,
21.5960

■ 101.2620, 46.7170,
17.8930

■ 112.3640, 37.5020,
14.1900

■ 122.8790, 28.5620,
11.0100

■ 134.0950, 19.0260,
7.6180

■ 145.1970, 9.8110,
3.9150

■ 156.2990, 0.5960,
0.2120

■ 166.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



60.3080, 68.5800, 56.7080



68.5430, 74.0870, 28.4790



75.2860, 63.3640, -2.9720

Triad

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



68.5430, 74.0870, 28.4790



61.0600, -36.9010, -41.6130



71.2470, -80.7420, 9.5460

Complementary

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



68.5430, 74.0870, 28.4790



118.4570, -74.0870, -28.4790

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.



75.6350, -79.3190, 0.2730



68.5430, 74.0870, 28.4790



68.6350, -54.0970, -27.3210

Square

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



68.5430, 74.0870, 28.4790



68.6550, 3.9040, -37.7280



73.9930, -69.1840, -12.7040



80.6350, -25.4520, 31.7640

Rectangle

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



68.5430, 74.0870, 28.4790



76.6270, 45.8060, -15.1700



73.9930, -69.1840, -12.7040



73.4810, -81.5210, 7.1430

Sweetspot

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



68.5430, 74.0870, 28.4790



169.8790, 28.5620, 11.0100



80.6570, 31.3490, 65.1490



81.1980, 17.2380, 6.9820



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



68.5430, 74.0870, 28.4790



66.1140, 115.4400, 44.4640



101.4320, 60.0170, -2.8870



73.3920, 4.7680, 1.6960



43.4410, 83.3020, 32.1820



4.5990, 8.6190, 3.4910

Inverse Universe

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



68.5430, 74.0870, 28.4790



66.1140, 115.4400, 44.4640



85.5680, -60.0170, 2.8870



73.3920, 4.7680, 1.6960



43.4410, 83.3020, 32.1820



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 68.5430, 74.0870, 28.4790 looks on a white background.

Color Contrast Check

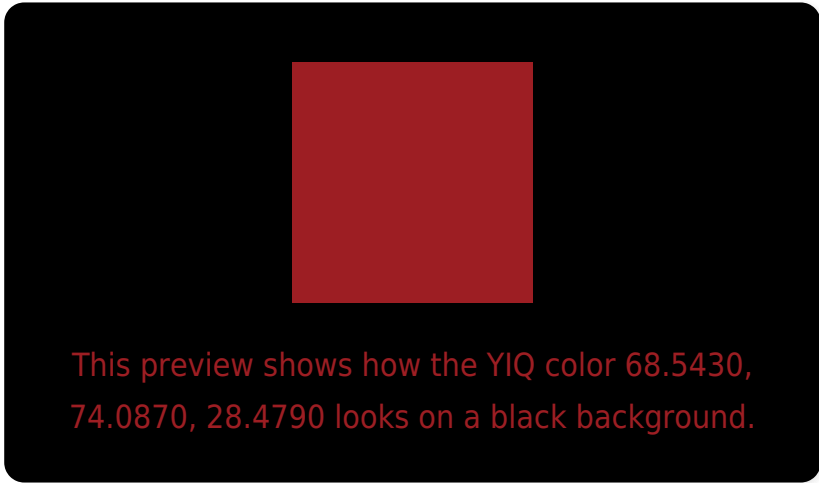
Large Text (above 18pt) WCAG AA ✓ Pass

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

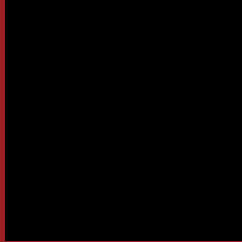
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 68.5430, 74.0870, 28.4790

Background



This preview shows how black text looks on a background with the YIQ color 68.5430, 74.0870, 28.4790.



This preview shows how white text looks on a background with the YIQ color 68.5430, 74.0870,

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

68.5430, 74.0870, 28.4790

Protanopia

81.3310, 14.7650, -8.7790

Deuteranopia

79.5470, 31.5920, -10.8720



Tritanopia

68.5600, 75.4170, 26.4010

Trichromacy



Original Color

68.5430, 74.0870, 28.4790

Protanomaly

76.7840, 35.8990, 4.6910

Deuteranomaly

75.8900, 47.2240, 3.1920

Tritanomaly

68.7880, 74.7750, 27.0230

Monochromacy



Original Color

68.5430, 74.0870, 28.4790

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.9820, 26.7740, 10.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.5430, 74.0870, 28.4790 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(157, 30, 35)` looks like.

```
.text, #text, p{  
    color:rgb(157, 30, 35)  
}
```

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(157, 30, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 30, 35) }
```

Border

The CSS property to change the border of an element to YIQ 68.5430, 74.0870, 28.4790 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(157, 30, 35) }
```


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

```
.border{ border-color:rgb(157, 30, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 30, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 30, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 30, 35);  
box-shadow:4px 4px 4px 4px rgb(157, 30,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 68.5430, 74.0870, 28.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 30, 35) }
```

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

```
.background{ background-color: rgb(157, 30,  
35) }
```

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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