

Converting Colors

YIQ(79.2930, 71.7950, 25.9630)

Have a look what the booklet for
YIQ(79.2930, 71.7950, 25.9630)
contains.

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Color

**YIQ(79.2930, 71.7950,
25.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	A42B2C
RGB	164, 43, 44
RGB Percent	64%, 17%, 17%
CMY	0.3566, 0.8315, 0.8272
CMYK	0.00, 0.74, 0.73, 0.36
HSL	359°, 59%, 41%
HSV	359°, 74%, 64%
XYZ	16.6430, 9.8068, 3.4057
YIQ	79.2930, 71.7950, 25.9630

Conversions

Conversions Part 2

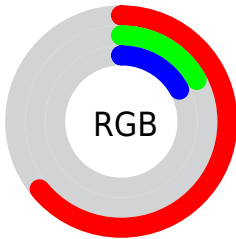
Format	Color
RYB	164, 43, 44
Decimal	10758956
CIELab	37.49, 49.15, 29.21
CIElCh	37, 57.179, 30.726
Yxy	9.8068, 0.5575, 0.3285
Android (android.graphics.Color)	4288949036 (0xFFA42B2C)
YUV	79.2930, -17.3994, 74.2880
Hunter-Lab	31.3158, 40.0627, 15.4730

Details

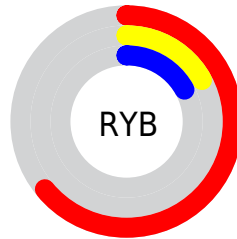
The YIQ color **79.2930, 71.7950, 25.9630** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **127.7070, -71.7950, -25.9630**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0610, 78.2600, 24.4360**, and **31.3950, 62.5800, 22.2600** is the 20% darker color. If you saturate the color by 10%, you get **68.0770, 81.3310, 29.3550**, and if you desaturate by 10%, it is **90.5090, 62.2590, 22.5710**.

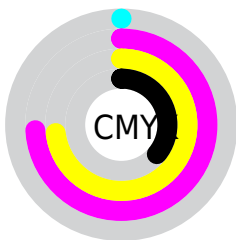
Distribution



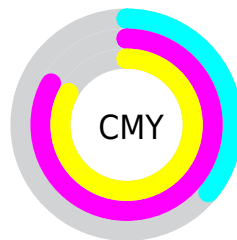
- Red (64%)
- Green (17%)
- Blue (17%)



- Red (64%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (74%)
- Yellow (73%)
- Black (36%)





- Cyan (36%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.2930, 71.7950, 25.9630 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 79.2930, 71.7950, 25.9630 by changing the saturation by 10% instead.


 79.2930, 71.7950,
25.9630


 79.2930, 71.7950,
25.9630


255.0000, -0.0000,
-0.0000


 46.2100, 70.8310,
32.4230


 135.0610, 78.2600,
24.4360


 31.3950, 62.5800,
22.2600

 162.7300, 80.6900,
24.4500


 22.4250, 44.7000,
15.9000

 181.4290, 65.2400,
18.1040

 14.8790, 28.5620,
11.0100

 200.9430, 48.8730,
11.8570

 0.0000, 0.0000,
0.0000

 220.4570, 32.5060,
5.6100

 240.6720, 15.5430,

-0.8490

254.4300, 1.6050,
-1.5550

■ 79.2930, 71.7950,
25.9630

■ 79.2930, 71.7950,
25.9630

■ 68.0770, 81.3310,
29.3550

■ 90.5090, 62.2590,
22.5710

■ 56.2740, 91.1420,
33.2700

■ 102.4260, 52.1270,
18.9670

■ 49.2640, 97.1020,
35.3900

■ 113.6420, 42.5910,
15.5750

■ 125.4450, 32.7800,
11.6600

■ 136.6610, 23.2440,
8.2680

■ 147.9910, 13.3870,
5.1870

■ 159.7940, 3.5760,
1.2720

■ 171.0100, -5.9600,
-2.1200

■ 182.8130,
-15.7710, -6.0350

Harmonies

Analogous

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



77.6890, 62.7130, 47.3930



79.2930, 71.7950, 25.9630



82.3740, 65.9320, -5.4600

Triad

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



79.2930, 71.7950, 25.9630



66.0810, -41.3940, -42.7860



75.9260, -84.2720, 7.4400

Complementary

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



79.2930, 71.7950, 25.9630



127.7070, -71.7950, -25.9630

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.



80.3140, -82.8490, -1.8330



79.2930, 71.7950, 25.9630



73.4280, -57.9480, -29.1160

Square

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



79.2930, 71.7950, 25.9630



76.0530, 8.5350, -39.0570



78.6720, -72.7140, -14.8100



88.2930, -24.4890, 30.8310

Rectangle

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



79.2930, 71.7950, 25.9630



83.1280, 48.6490, -17.1350



78.6720, -72.7140, -14.8100



78.0460, -84.7300, 4.7260

Sweetspot

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



79.2930, 71.7950, 25.9630



181.1670, 27.6910, 10.2750



92.3750, 32.0830, 62.8590



87.4860, 16.3670, 6.2470



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



79.2930, 71.7950, 25.9630



80.9240, 112.9190, 40.5910



113.2250, 56.1660, -4.6820



75.8050, 5.0430, 2.2190



43.4690, 86.0990, 31.0510



5.3820, 10.7280, 3.8160

Inverse Universe

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



79.2930, 71.7950, 25.9630



80.9240, 112.9190, 40.5910



93.7750, -56.1660, 4.6820



75.8050, 5.0430, 2.2190



43.4690, 86.0990, 31.0510



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 79.2930, 71.7950, 25.9630 looks on a white background.

Color Contrast Check

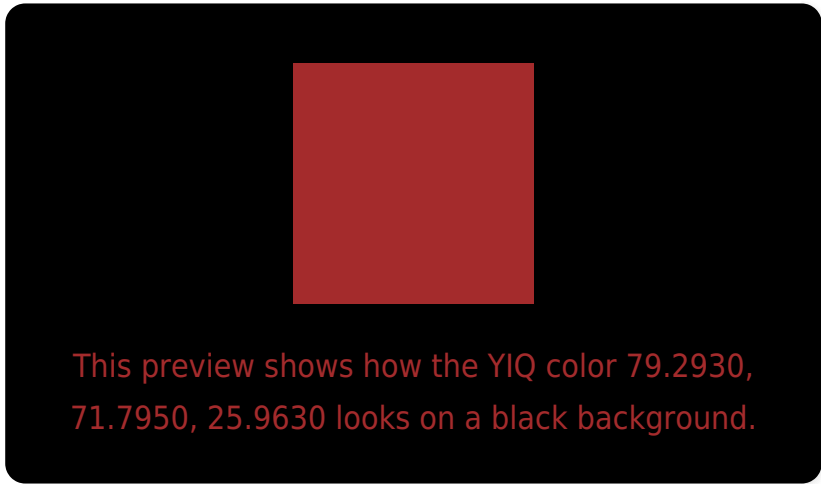
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.2930, 71.7950, 25.9630

Background



This preview shows how black text looks on a background with the YIQ color 79.2930, 71.7950, 25.9630.



This preview shows how white text looks on a background with the YIQ color 79.2930, 71.7950,

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

79.2930, 71.7950, 25.9630

Protanopia

88.0860, 14.0770, -7.3230

Deuteranopia

87.1880, 31.2250, -9.7270



Tritanopia

79.2930, 71.7950, 25.9630

Trichromacy



Original Color

79.2930, 71.7950, 25.9630

Protanomaly

84.5990, 34.9820, 4.7900

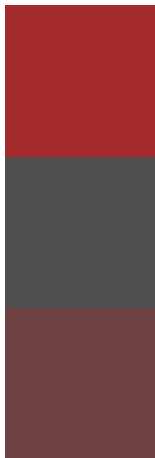
Deuteranomaly

84.4060, 45.7110, 3.0790

Tritanomaly

79.2930, 71.7950, 25.9630

Monochromacy



Original Color

79.2930, 71.7950, 25.9630

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.1560, 26.2240, 9.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.2930, 71.7950, 25.9630 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(164, 43, 44)` looks like.

```
.text, #text, p{  
    color:rgb(164, 43, 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(164, 43, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 43, 44) }
```

Border

The CSS property to change the border of an element to YIQ 79.2930, 71.7950, 25.9630 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(164, 43, 44) }
```


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

```
.border{ border-color:rgb(164, 43, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 43, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 43, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 43, 44);  
box-shadow:4px 4px 4px 4px rgb(164, 43,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 79.2930, 71.7950, 25.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 43, 44) }
```

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

```
.background{ background-color: rgb(164, 43,  
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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