

Converting Colors

YIQ(64.6290, 70.9690, 29.9210)

Have a look what the booklet for
YIQ(64.6290, 70.9690, 29.9210)
contains.

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Color

**YIQ(64.6290, 70.9690,
29.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	971A25
RGB	151, 26, 37
RGB Percent	59%, 10%, 15%
CMY	0.4075, 0.8982, 0.8546
CMYK	0.00, 0.83, 0.75, 0.41
HSL	355°, 71%, 35%
HSV	355°, 83%, 59%
XYZ	13.4802, 7.4572, 2.4849
YIQ	64.6290, 70.9690, 29.9210

Conversions

Conversions Part 2

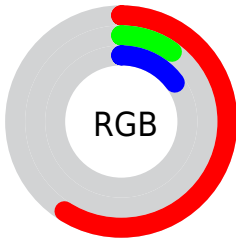
Format	Color
RYB	151, 26, 37
Decimal	9902629
CIELab	32.83, 50.29, 27.45
CIElCh	33, 57.297, 28.628
Yxy	7.4572, 0.5755, 0.3184
Android (android.graphics.Color)	4288092709 (0xFF971A25)
YUV	64.6290, -13.6211, 75.7474
Hunter-Lab	27.3079, 40.3252, 13.7204

Details

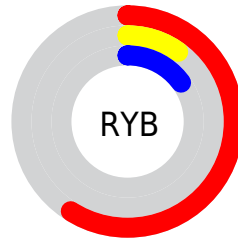
The YIQ color **64.6290, 70.9690, 29.9210** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **112.3710, -70.9690, -29.9210**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.0440, 76.9300, 26.5140**, and **27.5080, 54.8320, 19.5040** is the 20% darker color. If you saturate the color by 10%, you get **54.2280, 79.5880, 33.4120**, and if you desaturate by 10%, it is **75.0300, 62.3500, 26.4300**.

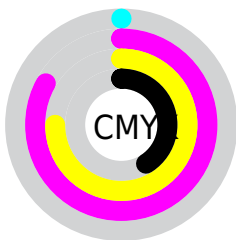
Distribution



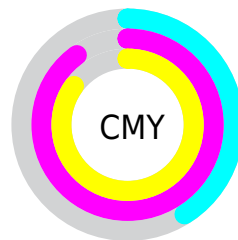
- Red (59%)
- Green (10%)
- Blue (15%)



- Red (59%)
- Yellow (10%)
- Blue (15%)



- Cyan (0%)
- Magenta (83%)
- Yellow (75%)
- Black (41%)



- Cyan (41%)
- Magenta (90%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.6290, 70.9690, 29.9210 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 64.6290, 70.9690, 29.9210 by changing the saturation by 10% instead.

■ 64.6290, 70.9690,
29.9210

■ 64.6290, 70.9690,
29.9210

■ 255.0000, -0.0000,
-0.0000

■ 38.1170, 66.6590,
30.9390

■ 122.0440, 76.9300,
26.5140

■ 27.5080, 54.8320,
19.5040

■ 149.8980, 80.2770,
26.4290

■ 19.2500, 37.8230,
13.8790

■ 172.1850, 71.9790,
22.6270

■ 9.9810, 19.3470,
7.3070

■ 191.6990, 55.6120,
16.3800

■ 0.0000, 0.0000,
0.0000

■ 211.0990, 39.5660,
9.8220

■ 231.3140, 22.6030,

3.3630

251.6430, 5.3190,
-2.7850

64.6290, 70.9690,
29.9210

64.6290, 70.9690,
29.9210

54.2280, 79.5880,
33.4120

75.0300, 62.3500,
26.4300

46.6310, 85.8230,
36.0550

85.4310, 53.7310,
22.9390

95.7180, 45.4330,
19.1370

106.1190, 36.8140,
15.6460

116.5200, 28.1950,
12.1550

■ 127.5080, 19.3010,
8.1410

■ 137.7950, 11.0030,
4.3390

■ 148.1960, 2.3840,
0.8480

■ 158.5970, -6.2350,
-2.6430

Harmonies

Analogous

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



58.7910, 62.6660, 53.7540



64.6290, 70.9690, 29.9210



71.1550, 62.3550, -1.2050

Triad

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



64.6290, 70.9690, 29.9210



57.4410, -33.6000, -40.8640



68.5740, -77.3490, 8.6270

Complementary

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



64.6290, 70.9690, 29.9210



112.3710, -70.9690, -29.9210

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.



72.2610, -75.3300, -0.4340



64.6290, 70.9690, 29.9210



64.7880, -50.1540, -27.1940

Square

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



64.6290, 70.9690, 29.9210



66.6170, 7.0670, -34.4770



70.0320, -64.9200, -12.8880



76.1890, -30.1280, 28.4000

Rectangle

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



64.6290, 70.9690, 29.9210



73.0940, 45.9890, -12.9790



70.0320, -64.9200, -12.8880



70.6940, -77.8070, 5.9130

Sweetspot

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



64.6290, 70.9690, 29.9210



162.2210, 27.5990, 11.9430



74.0370, 27.2230, 62.8310



78.8990, 16.6420, 6.7700



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



64.6290, 70.9690, 29.9210



61.9440, 110.1670, 46.4150



92.7250, 60.7500, 0.3500



71.5060, 4.4470, 2.0070



43.2280, 79.5880, 33.4120



4.0010, 7.4270, 3.0670

Inverse Universe

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



64.6290, 70.9690, 29.9210



61.9440, 110.1670, 46.4150



84.2750, -60.7500, -0.3500



71.5060, 4.4470, 2.0070



43.2280, 79.5880, 33.4120



4.0010, 7.4270, 3.0670

Previews

White Background



This preview shows how the YIQ color 64.6290, 70.9690, 29.9210 looks on a white background.

Color Contrast Check

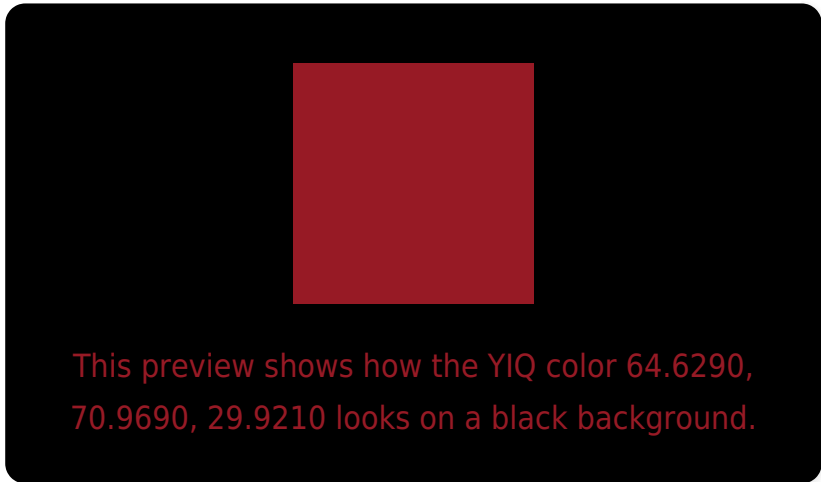
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.6290, 70.9690, 29.9210

Background



This preview shows how black text looks on a background with the YIQ color 64.6290, 70.9690, 29.9210.

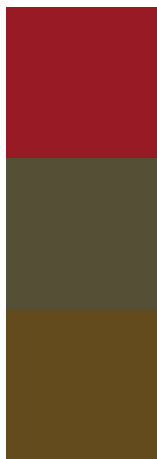


This preview shows how white text looks on a background with the YIQ color 64.6290, 70.9690,

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

64.6290, 70.9690, 29.9210

Protanopia

77.8300, 11.9220, -6.8140

Deuteranopia

76.9320, 29.0700, -9.2180



Tritanopia

64.6630, 73.6290, 25.7650

Trichromacy



Original Color

64.6290, 70.9690, 29.9210

Protanomaly

73.1690, 33.3770, 6.3450

Deuteranomaly

72.3890, 44.3810, 5.1570

Tritanomaly

64.5320, 72.6200, 27.5320

Monochromacy



Original Color

64.6290, 70.9690, 29.9210

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.9110, 25.5360, 10.7840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.6290, 70.9690, 29.9210 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(151, 26, 37)` looks like.

```
.text, #text, p{  
    color:rgb(151, 26, 37)  
}
```

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(151, 26, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 26, 37) }
```

Border

The CSS property to change the border of an element to YIQ 64.6290, 70.9690, 29.9210 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(151, 26, 37) }
```


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

```
.border{ border-color:rgb(151, 26, 37) }
```

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

Here you see how a box with a 4 pixel rgb(151, 26, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 26, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 26, 37);  
box-shadow:4px 4px 4px 4px rgb(151, 26,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 64.6290, 70.9690, 29.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 26, 37) }
```

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

```
.background{ background-color: rgb(151, 26,  
37) }
```

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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