

Converting Colors

YIQ(72.0490, 52.1710, 29.1870)

Have a look what the booklet for
YIQ(72.0490, 52.1710, 29.1870)
contains.

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Color

**YIQ(72.0490, 52.1710,
29.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2740
RGB	140, 39, 64
RGB Percent	55%, 15%, 25%
CMY	0.4507, 0.8472, 0.7488
CMYK	0.00, 0.72, 0.54, 0.45
HSL	345°, 56%, 35%
HSV	345°, 72%, 55%
XYZ	12.4771, 7.4001, 5.6284
YIQ	72.0490, 52.1710, 29.1870

Conversions

Conversions Part 2

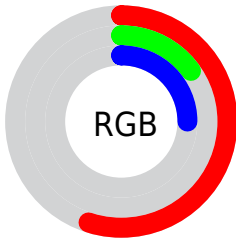
Format	Color
RYB	140, 39, 64
Decimal	9185088
CIELab	32.70, 44.20, 9.46
CIElCh	33, 45.198, 12.087
Yxy	7.4001, 0.4892, 0.2901
Android (android.graphics.Color)	4287375168 (0xFF8C2740)
YUV	72.0490, -3.9682, 59.5930
Hunter-Lab	27.2031, 34.2664, 6.7750

Details

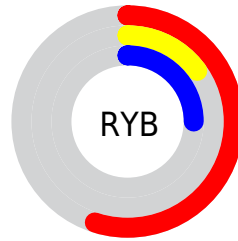
The YIQ color **72.0490, 52.1710, 29.1870** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **106.9510, -52.1710, -29.1870**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8600, 57.0770, 28.3810**, and **27.6240, 43.0020, 24.6500** is the 20% darker color. If you saturate the color by 10%, you get **62.6910, 59.2310, 33.3990**, and if you desaturate by 10%, it is **81.5210, 44.7900, 25.2860**.

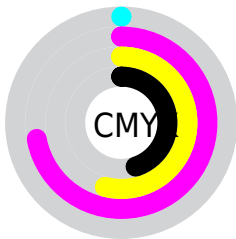
Distribution



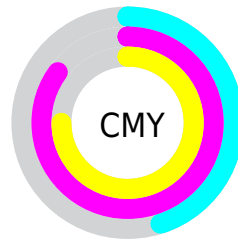
- Red (55%)
- Green (15%)
- Blue (25%)



- Red (55%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (72%)
- Yellow (54%)
- Black (45%)





- Cyan (45%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.0490, 52.1710, 29.1870 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 72.0490, 52.1710, 29.1870 by changing the saturation by 10% instead.


 72.0490, 52.1710,
29.1870


 72.0490, 52.1710,
29.1870


255.0000, -0.0000,
-0.0000


 41.2110, 51.8950,
34.1910


 125.9740, 56.7560,
28.6920


 27.6240, 43.0020,
24.6500

 153.0560, 59.4610,
29.2290


 17.7550, 34.8430,
12.8190

 179.9420, 59.7820,
28.9180

 7.8880, 15.1750,
5.8230

 199.4560, 43.4150,
22.6710

 0.0000, 0.0000,
0.0000

 219.0840, 26.7270,
16.7350

 238.7120, 10.0390,

10.7990

■ 72.0490, 52.1710,
29.1870

■ 72.0490, 52.1710,
29.1870

■ 62.6910, 59.2310,
33.3990

■ 81.5210, 44.7900,
25.2860

■ 53.2190, 66.6120,
37.3000

■ 90.8790, 37.7300,
21.0740

■ 45.8500, 72.2050,
40.5650

■ 100.3510, 30.3490,
17.1730

■ 109.7090, 23.2890,
12.9610

■ 119.1810, 15.9080,
9.0600

■ 128.5390, 8.8480,
4.8480

■ 138.0110, 1.4670,
0.9470

■ 147.3690, -5.5930,
-3.2650

■ 156.8410,
-12.9740, -7.1660

Harmonies

Analogous

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



75.7990, 32.6840, 35.4360



72.0490, 52.1710, 29.1870



72.8250, 55.0170, 10.6410

Triad

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



72.0490, 52.1710, 29.1870



65.2550, -6.4130, -32.4690



67.5990, -70.4700, -0.4060

Complementary

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



72.0490, 52.1710, 29.1870



106.9510, -52.1710, -29.1870

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.



68.1400, -65.1040, -9.5520



72.0490, 52.1710, 29.1870



60.1600, -42.6340, -31.3220

Square

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



72.0490, 52.1710, 29.1870



70.8800, 25.6800, -24.8800



64.9650, -54.7860, -20.3380



64.9580, -60.9350, 8.5130

Rectangle

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



72.0490, 52.1710, 29.1870



72.8870, 51.3060, -4.7100



64.9650, -54.7860, -20.3380



68.2030, -69.4150, -3.0070

Sweetspot

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



72.0490, 52.1710, 29.1870



154.1000, 20.6300, 11.5900



73.2380, 12.8750, 47.5230



75.8600, 12.3780, 6.9540



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



72.0490, 52.1710, 29.1870



75.3890, 81.0530, 45.4130



83.8740, 53.3210, 8.3370



64.3210, 3.5300, 2.1060



43.5290, 68.6750, 38.4590



1.6090, 2.6590, 1.3710

Inverse Universe

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



72.0490, 52.1710, 29.1870



75.3890, 81.0530, 45.4130



95.1260, -53.3210, -8.3370



64.3210, 3.5300, 2.1060



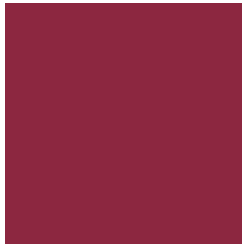
43.5290, 68.6750, 38.4590



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 72.0490, 52.1710, 29.1870 looks on a white background.

Color Contrast Check

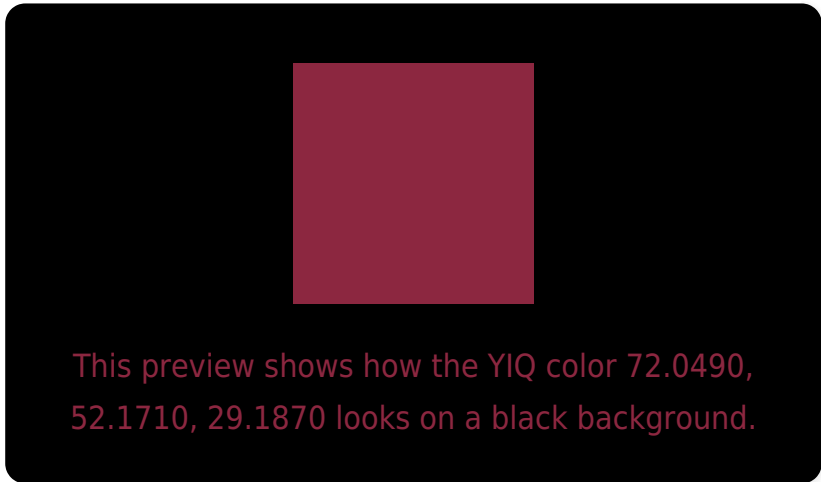
Large Text (above 18pt) WCAG AA ✓ Pass

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

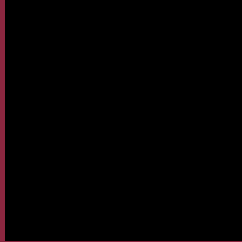
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.0490, 52.1710, 29.1870

Background



This preview shows how black text looks on a background with the YIQ color 72.0490, 52.1710, 29.1870.



This preview shows how white text looks on a background with the YIQ color 72.0490, 52.1710,

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

72.0490, 52.1710, 29.1870

Protanopia

78.6840, -1.9260, 1.8660

Deuteranopia

78.2590, 15.2680, -1.3720



Tritanopia

71.9320, 56.5740, 20.9740

Trichromacy



Original Color

72.0490, 52.1710, 29.1870

Protanomaly

76.5450, 17.8790, 11.8870

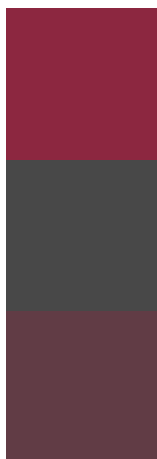
Deuteranomaly

75.9390, 28.3330, 9.6530

Tritanomaly

72.1430, 54.6020, 23.6740

Monochromacy



Original Color

72.0490, 52.1710, 29.1870

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.0890, 19.1630, 10.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.0490, 52.1710, 29.1870 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(140, 39, 64)` looks like.

```
.text, #text, p{  
    color:rgb(140, 39, 64)  
}
```

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(140, 39, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 39, 64) }
```

Border

The CSS property to change the border of an element to YIQ 72.0490, 52.1710, 29.1870 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(140, 39, 64) }
```


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

```
.border{ border-color:rgb(140, 39, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 39, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 39, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 39, 64);  
box-shadow:4px 4px 4px 4px rgb(140, 39,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 72.0490, 52.1710, 29.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 39, 64) }
```

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

```
.background{ background-color: rgb(140, 39,  
64) }
```

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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