

Converting Colors

YIQ(72.4290, 57.2130, 36.9330)

Have a look what the booklet for
YIQ(72.4290, 57.2130, 36.9330)
contains.

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Color

**YIQ(72.4290, 57.2130,
36.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	962148
RGB	150, 33, 72
RGB Percent	59%, 13%, 28%
CMY	0.4115, 0.8707, 0.7174
CMYK	0.00, 0.78, 0.52, 0.41
HSL	340°, 64%, 36%
HSV	340°, 78%, 59%
XYZ	14.3057, 8.0449, 6.9383
YIQ	72.4290, 57.2130, 36.9330

Conversions

Conversions Part 2

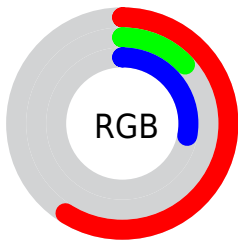
Format	Color
R_{YB}	150, 33, 72
Decimal	9838920
CIE _{Lab}	34.08, 50.12, 6.45
CIE _{LCh}	34, 50.535, 7.338
Yxy	8.0449, 0.4884, 0.2747
Android (android.graphics.Color)	4288029000 (0xFF962148)
YUV	72.4290, -0.2115, 68.0298
Hunter-Lab	28.3635, 40.3941, 5.3509

Details

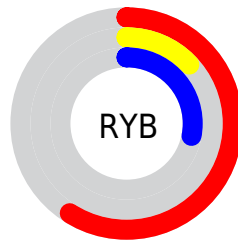
The YIQ color **72.4290, 57.2130, 36.9330** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **110.5710, -57.2130, -36.9330**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4140, 61.5690, 35.0810**, and **31.1130, 46.1190, 28.7350** is the 20% darker color. If you saturate the color by 10%, you get **62.4840, 64.5480, 41.6680**, and if you desaturate by 10%, it is **82.3740, 49.8780, 32.1980**.

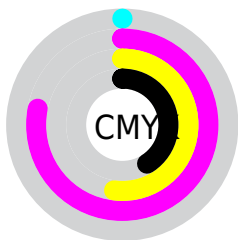
Distribution



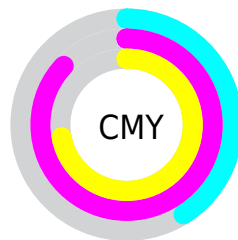
- Red (59%)
- Green (13%)
- Blue (28%)



- Red (59%)
- Yellow (13%)
- Blue (28%)



- Cyan (0%)
- Magenta (78%)
- Yellow (52%)
- Black (41%)





- Cyan (41%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.4290, 57.2130, 36.9330 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 72.4290, 57.2130, 36.9330 by changing the saturation by 10% instead.


 72.4290, 57.2130,
36.9330


 72.4290, 57.2130,
36.9330


255.0000, -0.0000,
-0.0000

 41.8790, 56.0660,
41.2020


 128.4140, 61.5690,
35.0810


 31.1130, 46.1190,
28.7350


 156.1970, 63.6780,
35.4060


 20.2610, 39.2900,
14.8260

 179.7940, 57.4430,
32.7630

 11.4760, 22.3270,
8.3670

 199.4220, 40.7550,
26.8270

 0.0000, 0.0000,
0.0000

 219.0500, 24.0670,
20.8910

 239.1510, 7.4250,

14.1210

■ 72.4290, 57.2130,
36.9330

■ 72.4290, 57.2130,
36.9330

■ 62.4840, 64.5480,
41.6680

■ 82.3740, 49.8780,
32.1980

■ 52.5390, 71.8830,
46.4030

■ 92.3190, 42.5430,
27.4630

■ 50.5500, 73.3500,
47.3500

■ 102.2640, 35.2080,
22.7280

■ 112.2090, 27.8730,
17.9930

■ 122.1540, 20.5380,
13.2580

■ 132.0990, 13.2030,
8.5230

■ 142.0440, 5.8680,
3.7880

■ 151.9890, -1.4670,
-0.9470

■ 161.9340, -8.8020,
-5.6820

Harmonies

Analogous

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



78.3740, 32.6830, 40.9630



72.4290, 57.2130, 36.9330



74.4070, 62.3060, 16.2100

Triad

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



72.4290, 57.2130, 36.9330



66.9860, 1.4740, -37.7420



72.1470, -75.0090, -0.7450

Complementary

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



72.4290, 57.2130, 36.9330



110.5710, -57.2130, -36.9330

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.



71.5310, -67.7630, -10.9230



72.4290, 57.2130, 36.9330



61.7100, -41.4870, -35.5910

Square

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



72.4290, 57.2130, 36.9330



74.7450, 30.4940, -24.0180



67.6720, -55.5190, -23.5750



66.3740, -73.9100, 6.8740

Rectangle

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



72.4290, 57.2130, 36.9330



74.7740, 59.0540, -1.9540



67.6720, -55.5190, -23.5750



72.6370, -73.6330, -3.6570

Sweetspot

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



72.4290, 57.2130, 36.9330



166.1650, 22.0050, 14.2050



69.0620, 7.7390, 52.4990



81.0990, 13.2030, 8.5230



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.



72.4290, 57.2130, 36.9330



73.9700, 90.0830, 57.9790



78.5490, 64.7820, 15.3900



69.3210, 3.5300, 2.1060



46.5060, 67.4820, 43.5620



3.3320, 4.9970, 3.0530

Inverse Universe

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



72.4290, 57.2130, 36.9330



73.9700, 90.0830, 57.9790



105.0380, -65.0570, -15.9130



69.3210, 3.5300, 2.1060



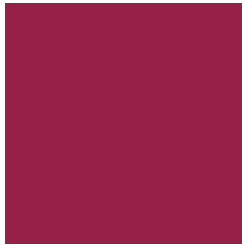
46.5060, 67.4820, 43.5620



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 72.4290, 57.2130, 36.9330 looks on a white background.

Color Contrast Check

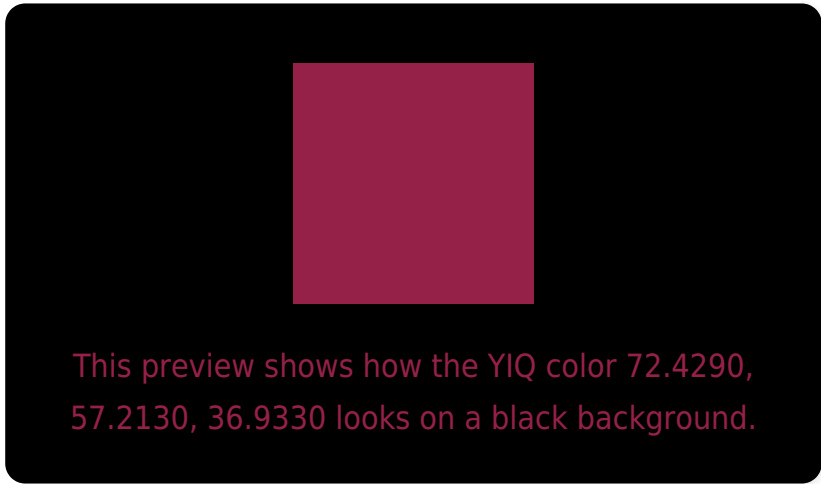
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.4290, 57.2130, 36.9330

Background



This preview shows how black text looks on a background with the YIQ color 72.4290, 57.2130, 36.9330.



This preview shows how white text looks on a background with the YIQ color 72.4290, 57.2130,

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

72.4290, 57.2130, 36.9330

Protanopia

81.9270, -6.9240, 4.3400

Deuteranopia

81.7150, 13.9840, -0.1280



Tritanopia

73.4060, 64.0470, 23.2070

Trichromacy



Original Color

72.4290, 57.2130, 36.9330

Protanomaly

78.6960, 16.1360, 15.9440

Deuteranomaly

78.5310, 29.6620, 13.1020

Tritanomaly

72.8990, 61.3410, 28.1970

Monochromacy



Original Color

72.4290, 57.2130, 36.9330

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.1540, 20.5380, 13.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.4290, 57.2130, 36.9330 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(150, 33, 72)` looks like.

```
.text, #text, p{  
    color:rgb(150, 33, 72)  
}
```

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(150, 33, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 33, 72) }
```

Border

The CSS property to change the border of an element to YIQ 72.4290, 57.2130, 36.9330 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(150, 33, 72) }
```


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

```
.border{ border-color:rgb(150, 33, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 33, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 33, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 33, 72);  
box-shadow:4px 4px 4px 4px rgb(150, 33,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 72.4290, 57.2130, 36.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 33, 72) }
```

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

```
.background{ background-color: rgb(150, 33,  
72) }
```

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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