

Converting Colors

YIQ(72.7360, 64.4990, 59.0830)

Have a look what the booklet for
YIQ(72.7360, 64.4990, 59.0830)
contains.

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Color

**YIQ(72.7360, 64.4990,
59.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	AB1166
RGB	171, 17, 102
RGB Percent	67%, 7%, 40%
CMY	0.3290, 0.9335, 0.5998
CMYK	0.00, 0.90, 0.40, 0.33
HSL	327°, 82%, 37%
HSV	327°, 90%, 67%
XYZ	19.4180, 10.0291, 13.4954
YIQ	72.7360, 64.4990, 59.0830

Conversions

Conversions Part 2

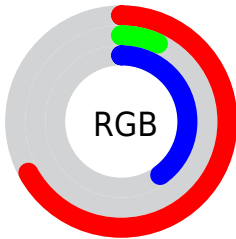
Format	Color
RYB	171, 17, 102
Decimal	11211110
CIELab	37.89, 62.18, -6.80
CIELCh	38, 62.548, 353.763
Yxy	10.0291, 0.4522, 0.2335
Android (android.graphics.Color)	4289401190 (0xFFAB1166)
YUV	72.7360, 14.4272, 86.1775
Hunter-Lab	31.6688, 54.0287, -3.0977

Details

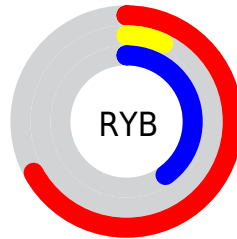
The YIQ color **72.7360, 64.4990, 59.0830** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **115.2640, -64.4990, -59.0830**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.9930, 64.9130, 51.5770**, and **40.0570, 49.6930, 41.0610** is the 20% darker color. If you saturate the color by 10%, you get **61.8450, 71.7420, 65.4860**, and if you desaturate by 10%, it is **83.6270, 57.2560, 52.6800**.

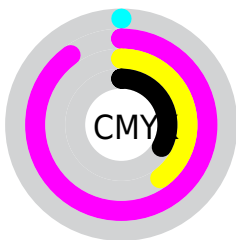
Distribution



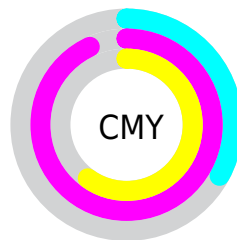
- Red (67%)
- Green (7%)
- Blue (40%)



- Red (67%)
- Yellow (7%)
- Blue (40%)



- Cyan (0%)
- Magenta (90%)
- Yellow (40%)
- Black (33%)



- Cyan (33%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.7360, 64.4990, 59.0830 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 72.7360, 64.4990, 59.0830 by changing the saturation by 10% instead.

72.7360, 64.4990,
59.0830

72.7360, 64.4990,
59.0830

255.0000, -0.0000,
-0.0000

51.3500, 59.5940,
54.3620

136.9930, 64.9130,
51.5770

40.0570, 49.6930,
41.0610

163.6830, 62.8500,
50.4180

29.2910, 39.7460,
28.5940

183.1970, 46.4830,
44.1710

18.7810, 31.9540,
15.6180

203.4120, 29.5200,
37.7120

6.5780, 13.1120,
4.6640

222.7150, 15.1250,
28.7650

0.0000, 0.0000,
0.0000

239.7380, 7.1500,

13.5980

■ 72.7360, 64.4990,
59.0830

■ 72.7360, 64.4990,
59.0830

■ 61.8450, 71.7420,
65.4860

■ 83.6270, 57.2560,
52.6800

■ 94.4040, 50.3340,
45.9660

■ 105.2950, 43.0910,
39.5630

■ 116.1860, 35.8480,
33.1600

■ 127.5500, 28.6510,
25.9230

■ 138.4410, 21.4080,
19.5200

■ 149.3320, 14.1650,
13.1170

■ 160.1090, 7.2430,
6.4030

■ 171.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



88.8860, 19.7980, 48.7100



72.7360, 64.4990, 59.0830



73.8030, 79.5870, 38.9390

Triad

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



72.7360, 64.4990, 59.0830



78.4560, 14.7700, -36.4140



82.8900, -84.5910, -3.3030

Complementary

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



72.7360, 64.4990, 59.0830



115.2640, -64.4990, -59.0830

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.



79.8630, -71.9340, -17.9340



72.7360, 64.4990, 59.0830



64.6160, -35.8910, -48.9070

Square

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



72.7360, 64.4990, 59.0830



84.0030, 47.5030, -18.3930



73.3480, -54.9670, -33.5830



79.8870, -88.5360, 7.6240

Rectangle

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



72.7360, 64.4990, 59.0830



80.1390, 77.6200, 14.0040



73.3480, -54.9670, -33.5830



82.1090, -81.0140, -7.5580

Sweetspot

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



72.7360, 64.4990, 59.0830



183.7020, 25.1670, 22.9830



54.5890, -9.5020, 62.0980



89.0440, 15.0360, 13.8520



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



72.7360, 64.4990, 59.0830



80.2860, 93.1500, 85.0060



64.1860, 88.5740, 35.7580



81.2610, 3.7590, 3.4630



54.3120, 62.7570, 57.6130



8.3590, 9.5350, 8.9190

Inverse Universe

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



72.7360, 64.4990, 59.0830



80.2860, 93.1500, 85.0060



123.8140, -88.5740, -35.7580



81.2610, 3.7590, 3.4630



54.3120, 62.7570, 57.6130



8.3590, 9.5350, 8.9190

Previews

White Background



This preview shows how the YIQ color 72.7360, 64.4990, 59.0830 looks on a white background.

Color Contrast Check

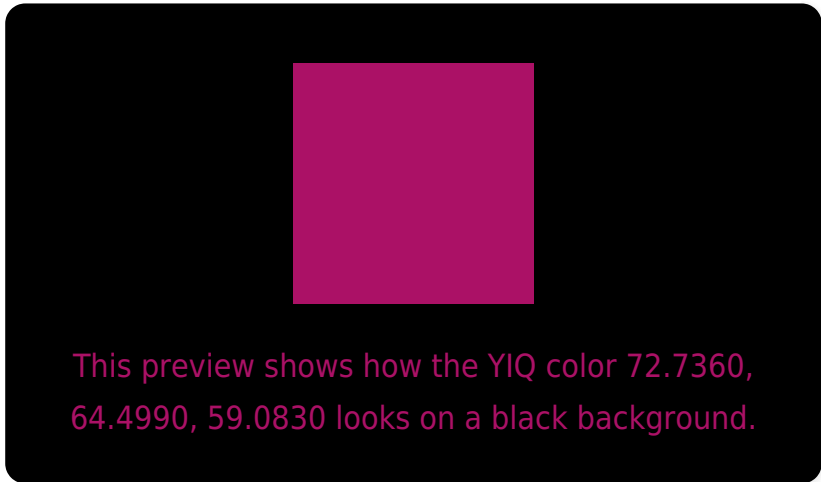
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

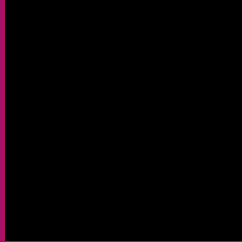
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.7360, 64.4990, 59.0830

Background



This preview shows how black text looks on a background with the YIQ color 72.7360, 64.4990, 59.0830.



This preview shows how white text looks on a background with the YIQ color 72.7360, 64.4990,

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

72.7360, 64.4990, 59.0830

Protanopia

89.7030, -29.3000, 13.3880

Deuteranopia

91.7880, 3.7130, 4.2970



Tritanopia

80.4890, 74.1790, 26.8110

Trichromacy



Original Color

72.7360, 64.4990, 59.0830

Protanomaly

83.6800, 5.0380, 29.8540

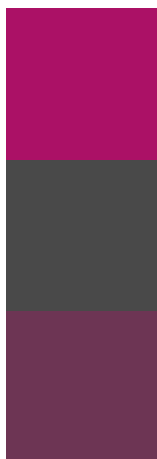
Deuteranomaly

84.9410, 25.9920, 24.5520

Tritanomaly

77.8990, 70.5090, 38.2610

Monochromacy



Original Color

72.7360, 64.4990, 59.0830

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.2780, 23.4250, 21.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.7360, 64.4990, 59.0830 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(171, 17, 102)` looks like.

```
.text, #text, p{  
    color:rgb(171, 17, 102)  
}
```

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(171, 17, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 17, 102) }
```

Border

The CSS property to change the border of an element to YIQ 72.7360, 64.4990, 59.0830 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(171, 17, 102) }
```


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

```
.border{ border-color:rgb(171, 17, 102) }
```

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

Here you see how a box with a 4 pixel rgb(171, 17, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 17, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 17, 102);  
box-shadow:4px 4px 4px 4px rgb(171, 17,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 72.7360, 64.4990, 59.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 17, 102) }
```

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

```
.background{ background-color: rgb(171, 17,  
102) }
```

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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