

Converting Colors

YIQ(69.2370, 6.5890, 73.3490)

Have a look what the booklet for
YIQ(69.2370, 6.5890, 73.3490)
contains.

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Color

**YIQ(69.2370, 6.5890,
73.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	7914BB
RGB	121, 20, 187
RGB Percent	47%, 8%, 73%
CMY	0.5251, 0.9217, 0.2668
CMYK	0.35, 0.89, 0.00, 0.27
HSL	276°, 81%, 41%
HSV	276°, 89%, 73%
XYZ	17.1137, 8.1569, 47.6714
YIQ	69.2370, 6.5890, 73.3490

Conversions

Conversions Part 2

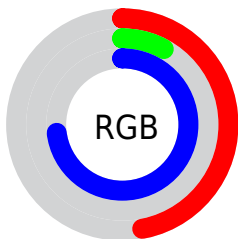
Format	Color
RYB	121, 20, 187
Decimal	7935163
CIELab	34.31, 65.50, -65.13
CIElCh	34, 92.368, 315.161
Yxy	8.1569, 0.2346, 0.1118
Android (android.graphics.Color)	4286125243 (0xFF7914BB)
YUV	69.2370, 58.0572, 45.3962
Hunter-Lab	28.5602, 56.9795, -78.9720

Details

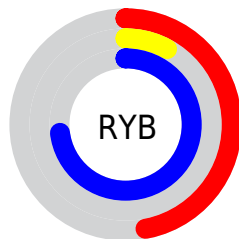
The YIQ color **69.2370, 6.5890, 73.3490** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **137.7630, -6.5890, -73.3490**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **129.4710, 5.8100, 70.9460**, and **33.5860, -5.4200, 54.1960** is the 20% darker color. If you saturate the color by 10%, you get **55.9910, 7.6420, 81.8020**, and if you desaturate by 10%, it is **82.4830, 5.5360, 64.8960**.

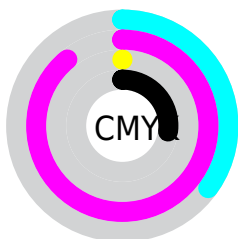
Distribution



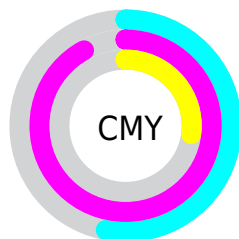
- Red (47%)
- Green (8%)
- Blue (73%)



- Red (47%)
- Yellow (8%)
- Blue (73%)



- Cyan (35%)
- Magenta (89%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (92%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.2370, 6.5890, 73.3490 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 69.2370, 6.5890, 73.3490 by changing the saturation by 10% instead.

69.2370, 6.5890,
73.3490

69.2370, 6.5890,
73.3490

255.0000, -0.0000,
-0.0000

45.6340, 3.7930,
68.9530

129.4710, 5.8100,
70.9460

33.5860, -5.4200,
54.1960

156.1310, 12.4590,
66.0830

21.0540, -16.1460,
39.3260

181.5370, 22.6390,
57.7990

9.2340, -26.0010,
25.1910

202.7570, 24.4750,
46.5470

9.4330, -19.6720,
15.1120

219.1930, 16.7750,
31.9030

5.0500, -11.4640,
9.5280

236.2160, 8.8000,

1.0260, -2.8890,

16.7360

2.7990

253.8260, 0.5500,
1.0460

■ 0.0000, 0.0000,
0.0000

■ 69.2370, 6.5890,
73.3490

■ 69.2370, 6.5890,
73.3490

■ 55.9910, 7.6420,
81.8020

■ 82.4830, 5.5360,
64.8960

■ 55.1050, 7.3210,
82.1130

■ 95.4410, 5.3540,
57.1780

■ 108.6870, 4.3010,
48.7250

■ 122.2320, 3.8440,
40.4840

■ 134.8910, 3.0660,
32.5540

■ 148.1370, 2.0130,
24.1010

■ 161.6820, 1.5560,
15.8600

■ 174.9280, 0.5030,
7.4070

■ 187.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



72.9520, -95.1880, 29.0680



69.2370, 6.5890, 73.3490



69.2940, 72.3360, 76.7520

Triad

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



69.2370, 6.5890, 73.3490



75.8400, 58.6880, -6.3360



75.6740, -67.0280, -18.7400

Complementary

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



69.2370, 6.5890, 73.3490



137.7630, -6.5890, -73.3490

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.



65.4940, -41.1190, -42.2630



69.2370, 6.5890, 73.3490



71.3790, 13.6690, -32.9790

Square

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



69.2370, 6.5890, 73.3490



52.3250, 104.3000, 37.1000



58.7000, -27.5000, -52.3000



84.0130, -89.1310, 1.8850

Rectangle

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



69.2370, 6.5890, 73.3490



67.4100, 94.8960, 64.3680



58.7000, -27.5000, -52.3000



72.7100, -58.6820, -26.8260

Sweetspot

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



69.2370, 6.5890, 73.3490



196.0710, 2.3790, 28.4830



78.3670, -72.0320, 16.8960



94.6220, 1.7850, 17.2170



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



69.2370, 6.5890, 73.3490



71.5410, 9.9300, 106.4260



87.0330, 51.3820, 82.0540



87.8200, 0.6870, 4.0710



46.7160, 6.4980, 69.4900



9.2150, 1.3730, 13.6690

Inverse Universe

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



77.4570, 78.3460, 55.9300



83.3020, 113.4160, 81.1600



119.9670, -51.3820, -82.0540



88.1470, 4.0800, 3.1520



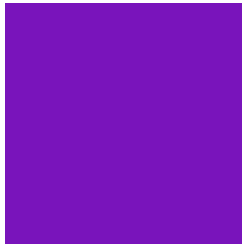
54.3100, 74.2660, 52.7780



10.6370, 14.6240, 10.3040

Previews

White Background



This preview shows how the YIQ color 69.2370, 6.5890, 73.3490 looks on a white background.

Color Contrast Check

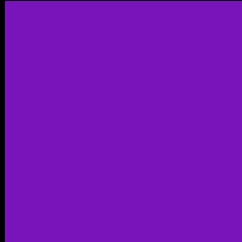
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 69.2370, 6.5890, 73.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

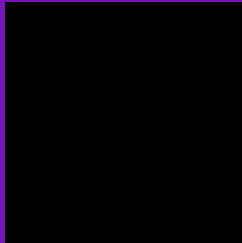
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.2370, 6.5890, 73.3490

Background



This preview shows how black text looks on a background with the YIQ color 69.2370, 6.5890, 73.3490.



This preview shows how white text looks on a background with the YIQ color 69.2370, 6.5890,

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

69.2370, 6.5890, 73.3490

Protanopia

65.2970, -75.0110, 10.3090

Deuteranopia

65.7240, -69.3240, 0.8520



Tritanopia

83.3440, 13.8910, 7.0670

Trichromacy



Original Color

69.2370, 6.5890, 73.3490



Protanomaly

67.0380, -45.5800, 33.1080



Deuteranomaly

67.2030, -41.9110, 27.1850



Tritanomaly

78.1430, 11.0440, 31.1400

Monochromacy



Original Color

69.2370, 6.5890, 73.3490



Achromatopsia

69.0000, -0.0000, -0.0000



Achromatomaly

69.0170, 2.4710, 26.8150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2370, 6.5890, 73.3490 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(121, 20, 187)` looks like.

```
.text, #text, p{  
    color:rgb(121, 20, 187)  
}
```

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(121, 20, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 20, 187) }
```

Border

The CSS property to change the border of an element to YIQ 69.2370, 6.5890, 73.3490 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(121, 20, 187) }
```


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

```
.border{ border-color:rgb(121, 20, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 20, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 20, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 20, 187);  
box-shadow:4px 4px 4px 4px rgb(121, 20,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 69.2370, 6.5890, 73.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 20, 187) }
```

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

```
.background{ background-color: rgb(121, 20,  
187) }
```

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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