

Converting Colors

YIQ(88.9200, 23.5990, 73.4470)

Have a look what the booklet for
YIQ(88.9200, 23.5990, 73.4470)
contains.

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Color

**YIQ(88.9200, 23.5990,
73.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	9D23BC
RGB	157, 35, 188
RGB Percent	62%, 14%, 74%
CMY	0.3839, 0.8629, 0.2628
CMYK	0.16, 0.81, 0.00, 0.26
HSL	288°, 69%, 44%
HSV	288°, 81%, 74%
XYZ	23.5998, 12.0076, 48.6472
YIQ	88.9200, 23.5990, 73.4470

Conversions

Conversions Part 2

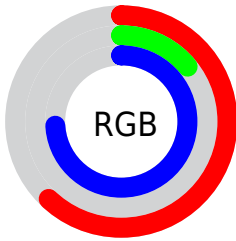
Format	Color
R _{YB}	157, 35, 188
Decimal	10298300
CIE _{Lab}	41.23, 67.59, -54.23
CIE _{LCh}	41, 86.654, 321.260
Yxy	12.0076, 0.2801, 0.1425
Android (android.graphics.Color)	4288488380 (0xFF9D23BC)
YUV	88.9200, 48.8464, 59.7062
Hunter-Lab	34.6520, 60.9264, -58.9795

Details

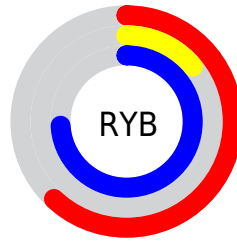
The YIQ color **88.9200, 23.5990, 73.4470** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **134.0800, -23.5990, -73.4470**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.5670, 23.0950, 71.5670**, and **45.1760, 16.5860, 62.8740** is the 20% darker color. If you saturate the color by 10%, you get **76.5710, 26.4400, 82.5360**, and if you desaturate by 10%, it is **101.2690, 20.7580, 64.3580**.

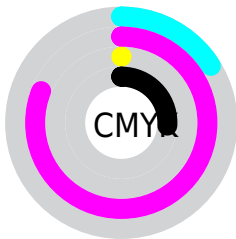
Distribution



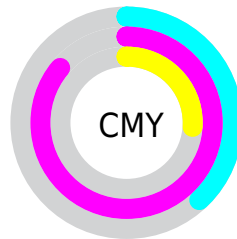
- Red (62%)
- Green (14%)
- Blue (74%)



- Red (62%)
- Yellow (14%)
- Blue (74%)



- Cyan (16%)
- Magenta (81%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (86%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.9200, 23.5990, 73.4470 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 88.9200, 23.5990, 73.4470 by changing the saturation by 10% instead.

88.9200, 23.5990,
73.4470

88.9200, 23.5990,
73.4470

255.0000, -0.0000,
-0.0000

56.8110, 25.5240,
77.1080

148.5670, 23.0950,
71.5670

45.1760, 16.5860,
62.8740

175.1130, 30.0650,
66.3930

34.1390, 8.8400,
49.0640

195.1260, 28.0500,
53.3460

23.5150, 1.3690,
35.7770

211.5620, 20.3500,
38.7020

10.0150, -12.3830,
20.6810

228.5850, 12.3750,
23.5350

5.2780, -12.1060,
10.1500

246.1950, 4.1250,

1.2540, -3.5310,

7.8450

3.4210

■ 0.0000, 0.0000,
0.0000

■ 88.9200, 23.5990,
73.4470

■ 88.9200, 23.5990,
73.4470

■ 76.5710, 26.4400,
82.5360

■ 101.2690, 20.7580,
64.3580

■ 66.2820, 29.0520,
90.2680

■ 113.6180, 17.9170,
55.2690

■ 125.0810, 14.7550,
46.4910

■ 137.4300, 11.9140,
37.4020

■ 149.7790, 9.0730,
28.3130

■ 162.1280, 6.2320,
19.2240

■ 174.4770, 3.3910,
10.1350

■ 185.9400, 0.2290,
1.3570

■ 198.2890, -2.6120,
-7.7320

Harmonies

Analogous

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



78.8050, -99.2680, 25.9160



88.9200, 23.5990, 73.4470



75.6870, 84.5310, 81.5150

Triad

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



88.9200, 23.5990, 73.4470



91.7330, 57.1310, -16.6690



90.2470, -81.8830, -19.3470

Complementary

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



88.9200, 23.5990, 73.4470



134.0800, -23.5990, -73.4470

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.



80.5230, -57.2580, -41.6260



88.9200, 23.5990, 73.4470



84.9130, 11.7450, -42.1670

Square

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



88.9200, 23.5990, 73.4470



80.5560, 98.4350, 16.7310



69.8530, -32.7250, -62.2370



96.0270, -100.9140, 0.6700

Rectangle

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



88.9200, 23.5990, 73.4470



72.8350, 104.0650, 68.9050



69.8530, -32.7250, -62.2370



86.8100, -73.5830, -26.5990

Sweetspot

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



88.9200, 23.5990, 73.4470



206.7790, 9.0730, 28.3130



71.8130, -58.1880, 30.3240



99.3620, 5.4530, 16.8210



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.



88.9200, 23.5990, 73.4470



89.4690, 36.7960, 115.1320



93.2870, 55.8780, 66.6460



88.1190, 1.2830, 4.2830



55.6860, 24.3780, 75.8500



10.7100, 4.3530, 14.7290

Inverse Universe

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



84.2810, 81.2370, 42.0770



82.2320, 127.6320, 65.8080



129.7130, -55.8780, -66.6460



87.9190, 4.7220, 2.5300



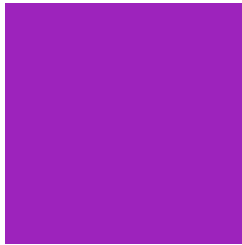
50.8900, 83.8960, 43.4480



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 88.9200, 23.5990, 73.4470 looks on a white background.

Color Contrast Check

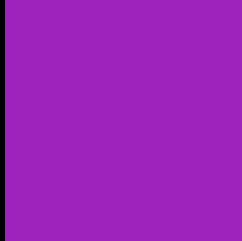
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 88.9200, 23.5990, 73.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

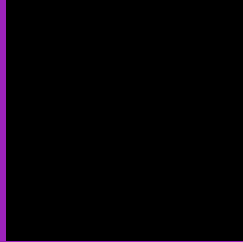
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.9200, 23.5990, 73.4470

Background



This preview shows how black text looks on a background with the YIQ color 88.9200, 23.5990, 73.4470.



This preview shows how white text looks on a background with the YIQ color 88.9200, 23.5990,

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

88.9200, 23.5990, 73.4470

Protanopia

78.5650, -90.3250, 12.5150

Deuteranopia

78.8780, -84.3170, 2.7470



Tritanopia

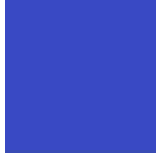
98.8200, 36.2180, 15.4340

Trichromacy



Original Color

88.9200, 23.5990, 73.4470



Protanomaly

82.2380, -49.0190, 34.8610



Deuteranomaly

82.2890, -45.0290, 28.6270



Tritanomaly

95.1410, 31.7210, 36.3690

Monochromacy



Original Color

88.9200, 23.5990, 73.4470



Achromatopsia

89.0000, -0.0000, -0.0000



Achromatomaly

88.8390, 8.8440, 26.9560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.9200, 23.5990, 73.4470 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(157, 35, 188)` looks like.

```
.text, #text, p{  
    color:rgb(157, 35, 188)  
}
```

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(157, 35, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 35, 188) }
```

Border

The CSS property to change the border of an element to YIQ 88.9200, 23.5990, 73.4470 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(157, 35, 188) }
```


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

```
.border{ border-color:rgb(157, 35, 188) }
```

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

Here you see how a box with a 4 pixel rgb(157, 35, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 35, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 35, 188);  
box-shadow:4px 4px 4px 4px rgb(157, 35,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 88.9200, 23.5990, 73.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 35, 188) }
```

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

```
.background{ background-color: rgb(157, 35,  
188) }
```

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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