

Converting Colors

YIQ(121.7440, 9.2950, 68.3590)

Have a look what the booklet for
YIQ(121.7440, 9.2950, 68.3590)
contains.

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Color

**YIQ(121.7440, 9.2950,
68.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4BE4
RGB	173, 75, 228
RGB Percent	68%, 29%, 89%
CMY	0.3212, 0.7060, 0.1060
CMYK	0.24, 0.67, 0.00, 0.11
HSL	278°, 74%, 59%
HSV	278°, 67%, 89%
XYZ	33.7661, 19.5207, 75.3718
YIQ	121.7440, 9.2950, 68.3590

Conversions

Conversions Part 2

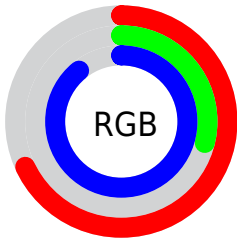
Format	Color
RYB	173, 75, 228
Decimal	11357156
CIELab	51.29, 64.07, -60.90
CIELCh	51, 88.400, 316.453
Yxy	19.5207, 0.2624, 0.1517
Android (android.graphics.Color)	4289547236 (0xFFAD4BE4)
YUV	121.7440, 52.3842, 44.9515
Hunter-Lab	44.1822, 59.0991, -70.2171

Details

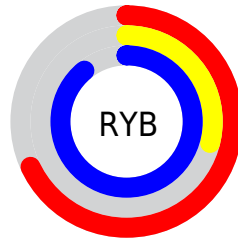
The YIQ color **121.7440, 9.2950, 68.3590** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **181.2560, -9.2950, -68.3590**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7480, 20.6670, 60.4990**, and **57.8140, 12.2740, 74.9460** is the 20% darker color. If you saturate the color by 10%, you get **105.8510, 10.8520, 78.6920**, and if you desaturate by 10%, it is **137.6370, 7.7380, 58.0260**.

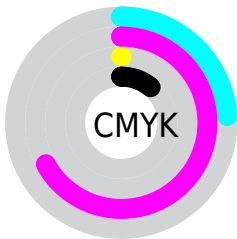
Distribution



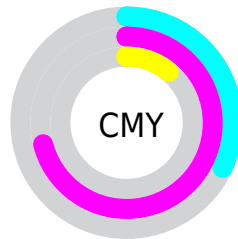
- Red (68%)
- Green (29%)
- Blue (89%)



- Red (68%)
- Yellow (29%)
- Blue (89%)



- Cyan (24%)
- Magenta (67%)
- Yellow (0%)
- Black (11%)



- Cyan (32%)
- Magenta (71%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.7440, 9.2950, 68.3590 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 121.7440, 9.2950, 68.3590 by changing the saturation by 10% instead.

121.7440, 9.2950,
68.3590

121.7440, 9.2950,
68.3590

255.0000, -0.0000,
-0.0000

92.7440, 9.2950,
68.3590

174.7480, 20.6670,
60.4990

57.8140, 12.2740,
74.9460

198.0610, 26.6750,
50.7310

42.4290, 5.6280,
63.2280

214.4970, 18.9750,
36.0870

30.7940, -3.3100,
48.9940

231.5200, 11.0000,
20.9200

19.4580, -11.6520,
34.9720

248.5430, 3.0250,
5.7530

7.7520, -21.8280,
21.1480

6.7770, -14.9490,

12.1150

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 121.7440, 9.2950,
68.3590

■ 121.7440, 9.2950,
68.3590

■ 105.8510, 10.8520,
78.6920

■ 137.6370, 7.7380,
58.0260

■ 89.9580, 12.4090,
89.0250

■ 153.5300, 6.1810,
47.6930

■ 74.6520, 13.6910,
98.8350

■ 169.1350, 5.4950,
38.0950

■ 69.6460, 13.8280,
101.8600

■ 185.0280, 3.9380,
27.7620

200.9210, 2.3810,
17.4290

216.8140, 0.8240,
7.0960

232.7070, -0.7330,
-3.2370

247.1380, -0.8690,
-11.7890

249.5300, 3.8990,
-10.0930

Harmonies

Analogous

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



98.3360, -114.3050, 17.5910



121.7440, 9.2950, 68.3590



88.8040, 89.2960, 99.7920

Triad

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



121.7440, 9.2950, 68.3590



115.1450, 76.3420, -17.9140



108.3930, -94.3980, -29.3260

Complementary

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



121.7440, 9.2950, 68.3590



181.2560, -9.2950, -68.3590

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.



98.2130, -68.4890, -52.8490



121.7440, 9.2950, 68.3590



110.3740, 29.2600, -45.7160

Square

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



121.7440, 9.2950, 68.3590



103.6690, 117.0500, 15.2740



85.1150, -39.8750, -75.8350



115.0850, -115.9970, -6.8210

Rectangle

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



121.7440, 9.2950, 68.3590



86.9910, 113.0940, 86.9980



85.1150, -39.8750, -75.8350



105.4290, -86.0520, -37.4120

Sweetspot

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



121.7440, 9.2950, 68.3590



219.6810, 3.2970, 22.8570



125.3140, -64.5130, 18.2950



106.5140, 1.9690, 13.8810



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



121.7440, 9.2950, 68.3590



111.3650, 12.8210, 92.5730



135.9090, 48.4950, 73.7990



106.7600, 0.9160, 5.4280



54.4920, 10.4850, 79.8370



15.6810, 3.2970, 22.8570

Inverse Universe

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



127.0170, 73.5330, 49.5410



118.4430, 99.2970, 67.2090



167.0910, -48.4950, -73.7990



107.0440, 5.8680, 3.7880



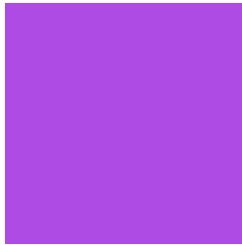
60.8170, 86.1400, 57.8520



17.3010, 24.6180, 16.4100

Previews

White Background



This preview shows how the YIQ color 121.7440, 9.2950, 68.3590 looks on a white background.

Color Contrast Check

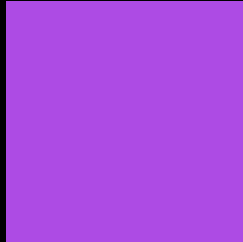
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 121.7440, 9.2950, 68.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

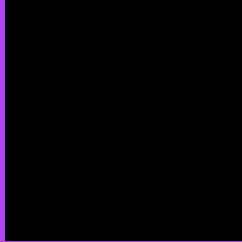
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.7440, 9.2950, 68.3590

Background



This preview shows how black text looks on a background with the YIQ color 121.7440, 9.2950, 68.3590.



This preview shows how white text looks on a background with the YIQ color 121.7440, 9.2950,

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

121.7440, 9.2950, 68.3590

Protanopia

97.7660, -112.7000, 16.0360

Deuteranopia

106.4250, -87.1150, 9.4050



Tritanopia

124.3670, 24.2520, 12.0280

Trichromacy



Original Color

121.7440, 9.2950, 68.3590



Protanomaly

106.2990, -68.1840, 35.2720



Deuteranomaly

111.7490, -52.1360, 30.7760



Tritanomaly

123.3890, 19.1590, 32.7510

Monochromacy



Original Color

121.7440, 9.2950, 68.3590



Achromatopsia

122.0000, 0.0000, -0.0000



Achromatomaly

122.1480, 3.4800, 25.0480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.7440, 9.2950, 68.3590 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(173, 75, 228)` looks like.

```
.text, #text, p{  
    color:rgb(173, 75, 228)  
}
```

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(173, 75, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 75, 228) }
```

Border

The CSS property to change the border of an element to YIQ 121.7440, 9.2950, 68.3590 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(173, 75, 228) }
```


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

```
.border{ border-color:rgb(173, 75, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 75, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 75, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 75, 228);  
box-shadow:4px 4px 4px 4px rgb(173, 75,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 121.7440, 9.2950, 68.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 75, 228) }
```

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

```
.background{ background-color: rgb(173, 75,  
228) }
```

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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