

Converting Colors

YIQ(109.8820, 70.3200, 69.2320)

Have a look what the booklet for
YIQ(109.8820, 70.3200, 69.2320)
contains.

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Color

**YIQ(109.8820, 70.3200,
69.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	DC2E96
RGB	220, 46, 150
RGB Percent	86%, 18%, 59%
CMY	0.1368, 0.8198, 0.4116
CMYK	0.00, 0.79, 0.32, 0.14
HSL	324°, 71%, 52%
HSV	324°, 79%, 86%
XYZ	36.0354, 19.3866, 30.7183
YIQ	109.8820, 70.3200, 69.2320

Conversions

Conversions Part 2

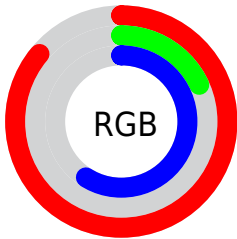
Format	Color
R_{YB}	220, 46, 150
Decimal	14429846
CIE _{Lab}	51.14, 72.50, -15.42
CIE _{LCh}	51, 74.122, 347.993
Yxy	19.3866, 0.4183, 0.2251
Android (android.graphics.Color)	4292619926 (0xFFDC2E96)
YUV	109.8820, 19.7782, 96.5735
Hunter-Lab	44.0303, 69.0357, -10.5432

Details

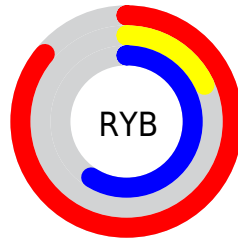
The YIQ color **109.8820, 70.3200, 69.2320** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **156.1180, -70.3200, -69.2320**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6580, 55.9710, 59.4510**, and **59.1260, 63.5810, 64.7090** is the 20% darker color. If you saturate the color by 10%, you get **95.9420, 79.2590, 77.9390**, and if you desaturate by 10%, it is **123.8220, 61.3810, 60.5250**.

Distribution



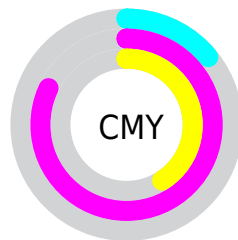
- Red (86%)
- Green (18%)
- Blue (59%)



- Red (86%)
- Yellow (18%)
- Blue (59%)



- Cyan (0%)
- Magenta (79%)
- Yellow (32%)
- Black (14%)





- Cyan (14%)
- Magenta (82%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.8820, 70.3200, 69.2320 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 109.8820, 70.3200, 69.2320 by changing the saturation by 10% instead.


 109.8820, 70.3200,
69.2320


 109.8820, 70.3200,
69.2320


255.0000, -0.0000,
-0.0000


 70.9460, 73.4360,
78.8440


 164.6580, 55.9710,
59.4510


 59.1260, 63.5810,
64.7090


 184.8730, 39.0080,
52.9920

 47.7190, 54.0010,
51.0970


 205.1050, 23.3750,
44.4550

 36.4260, 44.1000,
37.7960

 222.1280, 15.4000,
29.2880

 25.7740, 33.8320,
25.6400

 239.7380, 7.1500,
13.5980

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 109.8820, 70.3200,
69.2320

■ 109.8820, 70.3200,
69.2320

■ 95.9420, 79.2590,
77.9390

■ 123.8220, 61.3810,
60.5250

■ 82.0020, 88.1980,
86.6460

■ 137.7620, 52.4420,
51.8180

■ 80.8280, 88.7480,
87.6920

■ 151.7020, 43.5030,
43.1110

■ 165.5280, 34.8850,
34.0930

■ 179.4680, 25.9460,
25.3860

■ 193.4080, 17.0070,
16.6790

■ 207.3480, 8.0680,
7.9720

■ 221.2880, -0.8710,
-0.7350

■ 235.2280, -9.8100,
-9.4420

Harmonies

Analogous

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



123.8500, 11.4520, 56.7960



109.8820, 70.3200, 69.2320



104.8150, 97.6490, 53.0170

Triad

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



109.8820, 70.3200, 69.2320



109.7980, 31.0020, -44.2460



110.9130, -109.7610, -9.7050

Complementary

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



109.8820, 70.3200, 69.2320



156.1180, -70.3200, -69.2320

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.



105.5890, -92.0140, -28.4780



109.8820, 70.3200, 69.2320



85.7480, -45.7910, -67.7350

Square

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



109.8820, 70.3200, 69.2320



115.1010, 70.4740, -21.7020



97.4780, -70.5530, -48.4810



108.5770, -116.9620, 5.1660

Rectangle

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



109.8820, 70.3200, 69.2320



110.4670, 97.6080, 26.2160



97.4780, -70.5530, -48.4810



109.5620, -104.5790, -15.5150

Sweetspot

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



109.8820, 70.3200, 69.2320



216.3430, 24.8000, 24.1280



86.7660, -14.1340, 68.9540



104.5710, 14.9900, 14.6860



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.



109.8820, 70.3200, 69.2320



101.8880, 97.6870, 96.3990



99.9640, 98.2470, 42.1750



102.9730, 4.6300, 4.1980



63.5830, 69.7240, 69.0200



16.8320, 18.7490, 18.1490

Inverse Universe

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



109.8820, 70.3200, 69.2320



101.8880, 97.6870, 96.3990



166.0360, -98.2470, -42.1750



102.9730, 4.6300, 4.1980



63.5830, 69.7240, 69.0200



16.8320, 18.7490, 18.1490

Previews

White Background



This preview shows how the YIQ color 109.8820, 70.3200, 69.2320 looks on a white background.

Color Contrast Check

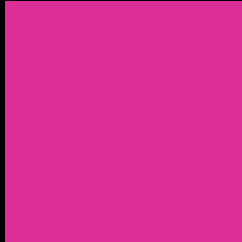
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.8820, 70.3200, 69.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

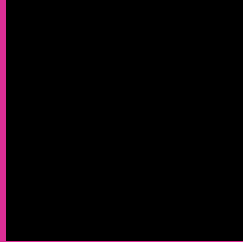
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 109.8820, 70.3200, 69.2320

Background



This preview shows how black text looks on a background with the YIQ color 109.8820, 70.3200, 69.2320.



This preview shows how white text looks on a background with the YIQ color 109.8820, 70.3200,

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

109.8820, 70.3200, 69.2320

Protanopia

120.0790, -44.7980, 18.9300

Deuteranopia

123.6010, -2.8900, 8.3260



Tritanopia

114.5120, 84.5400, 31.7720

Trichromacy



Original Color

109.8820, 70.3200, 69.2320



Protanomaly

116.4160, -2.6660, 37.3180



Deuteranomaly

118.2600, 23.8360, 30.5880



Tritanomaly

112.9050, 79.5400, 45.3000

Monochromacy



Original Color

109.8820, 70.3200, 69.2320



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.1690, 25.3500, 25.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.8820, 70.3200, 69.2320 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(220, 46, 150)` looks like.

```
.text, #text, p{  
    color:rgb(220, 46, 150)  
}
```

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(220, 46, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 46, 150) }
```

Border

The CSS property to change the border of an element to YIQ 109.8820, 70.3200, 69.2320 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(220, 46, 150) }
```


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

```
.border{ border-color:rgb(220, 46, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 46, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 46, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 46, 150);  
box-shadow:4px 4px 4px 4px rgb(220, 46,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 109.8820, 70.3200, 69.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 46, 150) }
```

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

```
.background{ background-color: rgb(220, 46,  
150) }
```

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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