

Converting Colors

YIQ(129.3740, 42.9920, 79.9200)

Have a look what the booklet for
YIQ(129.3740, 42.9920, 79.9200)
contains.

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Color

**YIQ(129.3740, 42.9920,
79.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	DC42DA
RGB	220, 66, 218
RGB Percent	86%, 26%, 85%
CMY	0.1368, 0.7414, 0.1450
CMYK	0.00, 0.70, 0.01, 0.14
HSL	301°, 69%, 56%
HSV	301°, 70%, 86%
XYZ	44.1519, 24.1856, 68.6801
YIQ	129.3740, 42.9920, 79.9200

Conversions

Conversions Part 2

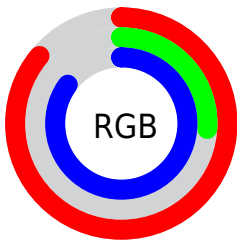
Format	Color
R _{YB}	220, 66, 218
Decimal	14435034
CIE _{Lab}	56.27, 75.71, -46.91
CIE _{LCh}	56, 89.068, 328.216
Yxy	24.1856, 0.3222, 0.1765
Android (android.graphics.Color)	4292625114 (0xFFDC42DA)
YUV	129.3740, 43.6926, 79.4790
Hunter-Lab	49.1788, 74.1913, -48.3756

Details

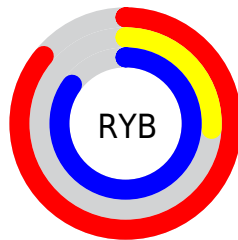
The YIQ color $129.3740, 42.9920, 79.9200$ is a light color, and the websafe version is hex $CC33CC$. The color can be described as light muted magenta. A complement of this color would be $156.6260, -42.9920, -79.9200$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.8640, 35.2000, 66.9440$, and $66.6070, 43.9540, 84.5140$ is the 20% darker color. If you saturate the color by 10%, you get $116.4600, 49.0420, 91.4260$, and if you desaturate by 10%, it is $142.2880, 36.9420, 68.4140$.

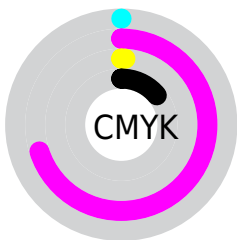
Distribution



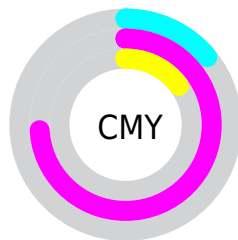
- Red (86%)
- Green (26%)
- Blue (85%)



- Red (86%)
- Yellow (26%)
- Blue (85%)



- Cyan (0%)
- Magenta (70%)
- Yellow (1%)
- Black (14%)





- Cyan (14%)
- Magenta (74%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.3740, 42.9920, 79.9200 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 129.3740, 42.9920, 79.9200 by changing the saturation by 10% instead.


 129.3740, 42.9920,
79.9200


 129.3740, 42.9920,
79.9200


255.0000, -0.0000,
-0.0000


 94.3190, 44.8250,
85.2490


 179.8640, 35.2000,
66.9440


 66.6070, 43.9540,
84.5140


 196.8870, 27.2250,
51.7770


 54.9720, 35.0160,
70.2800


 213.9100, 19.2500,
36.6100

 43.6360, 26.6740,
56.2580

 231.5200, 11.0000,
20.9200

 32.4140, 18.0110,
42.5470

 249.1300, 2.7500,
5.2300

 21.6050, 9.6230,
29.3590

 8.2190, -4.4500,

14.5740

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 129.3740, 42.9920,
79.9200

■ 129.3740, 42.9920,
79.9200

■ 116.4600, 49.0420,
91.4260

■ 142.2880, 36.9420,
68.4140

■ 103.4320, 55.4130,
102.6210

■ 155.3160, 30.5710,
57.2190

■ 90.5180, 61.4630,
114.1270

■ 168.2300, 24.5210,
45.7130

■ 181.1440, 18.4710,
34.2070

■ 194.1720, 12.1000,
23.0120

■ 207.0860, 6.0500,
11.5060

■ 220.0000, 0.0000,
0.0000

■ 232.9140, -6.0500,
-11.5060

■ 240.6590, -9.9460,
-17.9940

Harmonies

Analogous

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



129.4540, -49.3870, 41.5330



129.3740, 42.9920, 79.9200



92.5470, 106.0770, 98.5330

Triad

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



129.3740, 42.9920, 79.9200



127.1290, 64.1030, -32.8970



121.6270, -112.3720, -22.9640

Complementary

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



129.3740, 42.9920, 79.9200



156.6260, -42.9920, -79.9200

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.



112.0340, -86.7380, -47.0100



129.3740, 42.9920, 79.9200



115.5470, 12.1150, -59.8930

Square

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



129.3740, 42.9920, 79.9200



123.0400, 107.9750, -1.9850



99.9960, -58.3530, -71.3530



124.1640, -126.4050, -5.4210

Rectangle

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



129.3740, 42.9920, 79.9200



88.4940, 121.6230, 81.1030



99.9960, -58.3530, -71.3530



118.7770, -104.3470, -30.7390

Sweetspot

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



129.3740, 42.9920, 79.9200



223.1880, 15.1710, 27.9310



83.5560, -49.4340, 47.8940



109.1020, 9.1210, 16.4250



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.



129.3740, 42.9920, 79.9200



129.0400, 59.8130, 110.9890



120.8240, 67.0670, 56.5950



103.5430, 3.0250, 5.7530



71.2210, 48.2170, 89.8570



18.8840, 12.9710, 23.7470

Inverse Universe

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



129.3740, 42.9920, 79.9200



129.0400, 59.8130, 110.9890



165.1760, -67.0670, -56.5950



103.5430, 3.0250, 5.7530



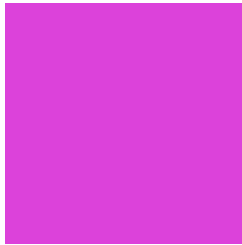
71.2210, 48.2170, 89.8570



18.8840, 12.9710, 23.7470

Previews

White Background



This preview shows how the YIQ color 129.3740, 42.9920, 79.9200 looks on a white background.

Color Contrast Check

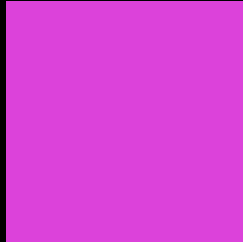
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3740, 42.9920, 79.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

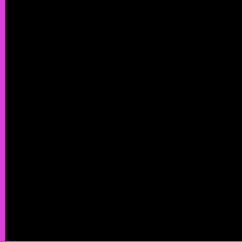
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.3740, 42.9920, 79.9200

Background



This preview shows how black text looks on a background with the YIQ color 129.3740, 42.9920, 79.9200.



This preview shows how white text looks on a background with the YIQ color 129.3740, 42.9920,

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

129.3740, 42.9920, 79.9200

Protanopia

126.0000, -77.9480, 24.9960

Deuteranopia

132.4440, -44.5680, 14.7600



Tritanopia

134.4920, 60.9290, 24.6490

Trichromacy



Original Color

129.3740, 42.9920, 79.9200



Protanomaly

127.1740, -33.7990, 45.3770



Deuteranomaly

131.3810, -12.7530, 38.4070



Tritanomaly

132.6170, 54.0480, 44.7360

Monochromacy



Original Color

129.3740, 42.9920, 79.9200



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.0140, 15.7210, 28.9770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.3740, 42.9920, 79.9200 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, 66, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 66, 218)  
}
```

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, 66, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 66, 218) }
```

Border

The CSS property to change the border of an element to YIQ 129.3740, 42.9920, 79.9200 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, 66, 218) }
```


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

```
.border{ border-color:rgb(220, 66, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 66, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 66, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 66, 218);  
box-shadow:4px 4px 4px 4px rgb(220, 66,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 129.3740, 42.9920, 79.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 66, 218) }
```

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

```
.background{ background-color: rgb(220, 66,  
218) }
```

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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