

Converting Colors

YIQ(123.0720, 2.9200, 79.2720)

Have a look what the booklet for
YIQ(123.0720, 2.9200, 79.2720)
contains.

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Color

**YIQ(123.0720, 2.9200,
79.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	AF47FF
RGB	175, 71, 255
RGB Percent	69%, 28%, 100%
CMY	0.3133, 0.7217, 0.0001
CMYK	0.31, 0.72, 0.00, 0.00
HSL	274°, 100%, 64%
HSV	274°, 72%, 100%
XYZ	37.9950, 20.8435, 96.6002
YIQ	123.0720, 2.9200, 79.2720

Conversions

Conversions Part 2

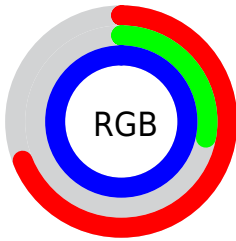
Format	Color
R _Y B	175, 71, 255
Decimal	11487231
CIE _{Lab}	52.78, 71.87, -73.60
CIE _{LCh}	53, 102.867, 314.321
Y _{xy}	20.8435, 0.2444, 0.1341
Android (android.graphics.Color)	4289677311 (0xFFAF47FF)
YUV	123.0720, 65.0405, 45.5409
Hunter-Lab	45.6547, 68.6569, -93.4928

Details

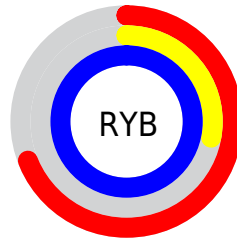
The YIQ color **123.0720, 2.9200, 79.2720** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **202.9280, -2.9200, -79.2720**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.4710, 23.0050, 62.1810**, and **56.8430, 5.3030, 85.6470** is the 20% darker color. If you saturate the color by 10%, you get **104.5210, 3.5140, 90.5380**, and if you desaturate by 10%, it is **141.0360, 2.6010, 68.5290**.

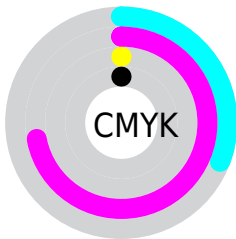
Distribution



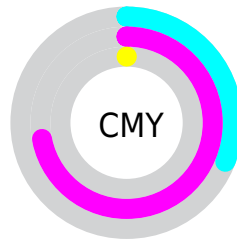
- Red (69%)
- Green (28%)
- Blue (100%)



- Red (69%)
- Yellow (28%)
- Blue (100%)



- Cyan (31%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (72%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.0720, 2.9200, 79.2720 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 123.0720, 2.9200, 79.2720 by changing the saturation by 10% instead.

123.0720, 2.9200,
79.2720

123.0720, 2.9200,
79.2720

255.0000, -0.0000,
-0.0000

92.5990, 2.8740,
80.1060

174.4710, 23.0050,
62.1810

56.8430, 5.3030,
85.6470

196.8870, 27.2250,
51.7770

44.6810, -3.5890,
70.5790

213.9100, 19.2500,
36.6100

31.7360, -14.5900,
55.1860

230.9330, 11.2750,
21.4430

15.5020, -32.1470,
37.4610

247.9560, 3.3000,
6.2760

10.1460, -28.5690,
27.6790

11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 123.0720, 2.9200,
79.2720

■ 123.0720, 2.9200,
79.2720

■ 104.5210, 3.5140,
90.5380

■ 141.0360, 2.6010,
68.5290

■ 86.5570, 3.8330,
101.2810

■ 159.5870, 2.0070,
57.2630

■ 72.1260, 3.9690,
109.8330

■ 177.5510, 1.6880,
46.5200

■ 196.1020, 1.0940,
35.2540

■ 214.0660, 0.7750,
24.5110

■ 232.6170, 0.1810,
13.2450

■ 250.8800, 0.4580,
2.7140

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



102.4450, -116.2300, 13.9300



123.0720, 2.9200, 79.2720



96.0100, 94.8880, 108.5840

Triad

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



123.0720, 2.9200, 79.2720



118.1570, 85.2360, -13.9000



113.0720, -97.9280, -31.4320

Complementary

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



123.0720, 2.9200, 79.2720



202.9280, -2.9200, -79.2720

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.



100.5950, -66.9290, -59.0970



123.0720, 2.9200, 79.2720



114.2170, 31.1400, -46.7480

Square

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



123.0720, 2.9200, 79.2720



95.2730, 136.4410, 32.8010



88.6370, -41.5250, -78.9730



121.8330, -123.9750, -5.4070

Rectangle

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



123.0720, 2.9200, 79.2720



89.6970, 114.1020, 90.7580



88.6370, -41.5250, -78.9730



108.9510, -87.7020, -40.5500

Sweetspot

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



123.0720, 2.9200, 79.2720



214.9520, 1.0960, 24.2000



140.6970, -81.8890, 13.8150



103.5570, 0.4100, 14.6020



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.



123.0720, 2.9200, 79.2720



95.9820, 3.8340, 95.7540



145.9660, 53.4890, 93.4330



118.5750, -0.0010, 5.5270



54.0660, 3.0570, 82.2970



18.0600, 0.9120, 27.5360

Inverse Universe

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



135.1360, 83.9840, 63.8880



110.3220, 101.4960, 76.9200



180.0340, -53.4890, -93.4330



119.4570, 6.1430, 4.3110



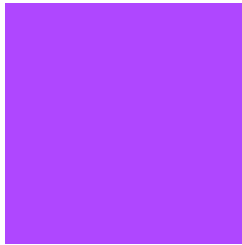
66.5710, 87.1930, 66.3050



22.3280, 29.1560, 22.2760

Previews

White Background



This preview shows how the YIQ color 123.0720, 2.9200, 79.2720 looks on a white background.

Color Contrast Check

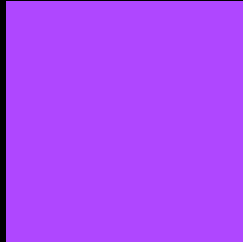
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0720, 2.9200, 79.2720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

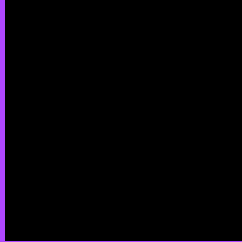
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.0720, 2.9200, 79.2720

Background



This preview shows how black text looks on a background with the YIQ color 123.0720, 2.9200, 79.2720.



This preview shows how white text looks on a background with the YIQ color 123.0720, 2.9200,

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

123.0720, 2.9200, 79.2720

Protanopia

106.9630, -102.8890, 19.9510

Deuteranopia

101.2590, -107.3790, 2.1970



Tritanopia

127.4910, 17.9710, 10.2190

Trichromacy



Original Color

123.0720, 2.9200, 79.2720



Protanomaly

112.5540, -64.2880, 41.7600



Deuteranomaly

109.3220, -66.9910, 30.1690



Tritanomaly

126.1480, 12.6480, 35.1120

Monochromacy



Original Color

123.0720, 2.9200, 79.2720



Achromatopsia

123.0000, -0.0000, -0.0000



Achromatomaly

123.0000, 1.1410, 28.8930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0720, 2.9200, 79.2720 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(175, 71, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 71, 255)  
}
```

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(175, 71, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 71, 255) }
```

Border

The CSS property to change the border of an element to YIQ 123.0720, 2.9200, 79.2720 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(175, 71, 255) }
```


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

```
.border{ border-color:rgb(175, 71, 255) }
```

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

Here you see how a box with a 4 pixel rgb(175, 71, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 71, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 71, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 71,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0720, 2.9200, 79.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 71, 255) }
```

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

```
.background{ background-color: rgb(175, 71,  
255) }
```

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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