

Converting Colors

YIQ(126.6380, 7.1380, 79.9220)

Have a look what the booklet for
YIQ(126.6380, 7.1380, 79.9220)
contains.

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Color

**YIQ(126.6380, 7.1380,
79.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	B749FF
RGB	183, 73, 255
RGB Percent	72%, 29%, 100%
CMY	0.2820, 0.7139, 0.0001
CMYK	0.28, 0.71, 0.00, 0.00
HSL	276°, 100%, 64%
HSV	276°, 71%, 100%
XYZ	39.9761, 22.0562, 96.7338
YIQ	126.6380, 7.1380, 79.9220

Conversions

Conversions Part 2

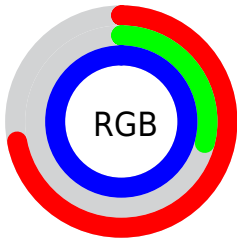
Format	Color
R_{YB}	183, 73, 255
Decimal	12012031
CIE _{Lab}	54.09, 72.52, -71.43
CIE _{LCh}	54, 101.791, 315.436
Yxy	22.0562, 0.2518, 0.1389
Android (android.graphics.Color)	4290202111 (0xFFB749FF)
YUV	126.6380, 63.2825, 49.4295
Hunter-Lab	46.9641, 69.7532, -89.2472

Details

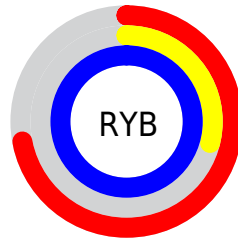
The YIQ color $126.6380, 7.1380, 79.9220$ is a light color, and the websafe version is hex $CC33FF$. The color can be described as light washed purple. A complement of this color would be $201.3620, -7.1380, -79.9220$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.0370, 27.2230, 62.8310$, and $59.5340, 10.6670, 87.5550$ is the 20% darker color. If you saturate the color by 10%, you get $108.3860, 8.3280, 91.4000$, and if you desaturate by 10%, it is $144.3030, 6.2230, 68.9670$.

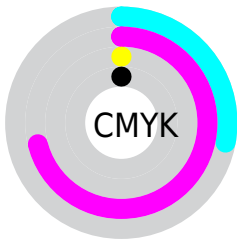
Distribution



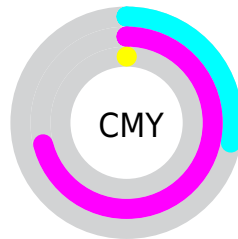
- Red (72%)
- Green (29%)
- Blue (100%)



- Red (72%)
- Yellow (29%)
- Blue (100%)



- Cyan (28%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.6380, 7.1380, 79.9220 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 126.6380, 7.1380, 79.9220 by changing the saturation by 10% instead.

126.6380, 7.1380,
79.9220

126.6380, 7.1380,
79.9220

255.0000, -0.0000,
-0.0000

95.5780, 7.3670,
81.2790

178.0370, 27.2230,
62.8310

59.5340, 10.6670,
87.5550

198.0610, 26.6750,
50.7310

47.3720, 1.7750,
72.4870

215.0840, 18.7000,
35.5640

35.0250, -8.0340,
57.5180

232.1070, 10.7250,
20.3970

21.4820, -20.2270,
41.7010

249.7170, 2.4750,
4.7070

10.2600, -28.8900,
27.9900

9.7580, -21.9650,

18.1230

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 126.6380, 7.1380,
79.9220

■ 126.6380, 7.1380,
79.9220

■ 108.3860, 8.3280,
91.4000

■ 144.3030, 6.2230,
68.9670

■ 90.7210, 9.2430,
102.3550

■ 162.5550, 5.0330,
57.4890

■ 75.1160, 9.9290,
111.9530

■ 180.2200, 4.1180,
46.5340

■ 198.4720, 2.9280,
35.0560

■ 216.1370, 2.0130,
24.1010

■ 234.6880, 1.4190,
12.8350

■ 252.3530, 0.5040,
1.8800

■ 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.



103.0320, -116.5050, 13.4070



126.6380, 7.1380, 79.9220



96.3090, 95.4840, 108.7960

Triad

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



126.6380, 7.1380, 79.9220



121.9780, 84.1820, -16.8260



116.1040, -100.9540, -31.6580

Complementary

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



126.6380, 7.1380, 79.9220



201.3620, -7.1380, -79.9220

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.



103.7410, -70.2760, -59.0120



126.6380, 7.1380, 79.9220



116.8640, 30.6360, -48.6280

Square

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



126.6380, 7.1380, 79.9220



102.9150, 134.3330, 26.9490



90.3980, -42.3500, -80.5420



124.7510, -126.6800, -5.9440

Rectangle

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



126.6380, 7.1380, 79.9220



89.6970, 114.1020, 90.7580



90.3980, -42.3500, -80.5420



112.0970, -91.0490, -40.4650

Sweetspot

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



126.6380, 7.1380, 79.9220



217.0230, 2.3340, 23.7900



136.5990, -78.4970, 18.4230



105.3290, 1.0520, 13.9800



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.



126.6380, 7.1380, 79.9220



100.4340, 8.3730, 96.0930



146.1140, 55.8280, 89.5880



118.5750, -0.0010, 5.5270



56.4580, 7.8250, 83.9930



18.9570, 2.7000, 28.1720

Inverse Universe

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



135.6260, 85.3600, 60.9760



111.2850, 102.9180, 73.1740



181.8860, -55.8280, -89.5880



119.4570, 6.1430, 4.3110



65.7730, 89.4400, 64.1280



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 126.6380, 7.1380, 79.9220 looks on a white background.

Color Contrast Check

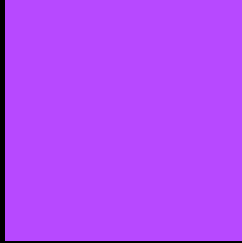
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.6380, 7.1380, 79.9220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

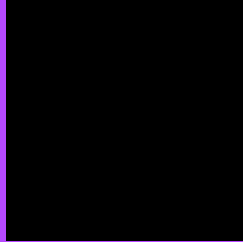
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.6380, 7.1380, 79.9220

Background



This preview shows how black text looks on a background with the YIQ color 126.6380, 7.1380, 79.9220.



This preview shows how white text looks on a background with the YIQ color 126.6380, 7.1380,

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

126.6380, 7.1380, 79.9220

Protanopia

115.6010, -90.0060, 23.2580

Deuteranopia

103.8180, -110.4510, 2.8050



Tritanopia

131.1820, 23.3350, 12.1270

Trichromacy



Original Color

126.6380, 7.1380, 79.9220



Protanomaly

119.6970, -54.3850, 44.0070



Deuteranomaly

112.5500, -67.6330, 30.7910



Tritanomaly

129.5400, 17.4160, 36.8080

Monochromacy



Original Color

126.6380, 7.1380, 79.9220



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

126.5980, 2.3330, 29.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6380, 7.1380, 79.9220 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(183, 73, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 73, 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(183, 73, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 73, 255) }
```

Border

The CSS property to change the border of an element to YIQ 126.6380, 7.1380, 79.9220 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(183, 73, 255) }
```


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

```
.border{ border-color:rgb(183, 73, 255) }
```

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

Here you see how a box with a 4 pixel rgb(183, 73, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 73, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 73, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 73,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6380, 7.1380, 79.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 73, 255) }
```

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

```
.background{ background-color: rgb(183, 73,  
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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