

Converting Colors

YIQ(133.7480, 12.6400, 79.3280)

Have a look what the booklet for
YIQ(133.7480, 12.6400, 79.3280)
contains.

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Color

**YIQ(133.7480, 12.6400,
79.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	C34FFF
RGB	195, 79, 255
RGB Percent	76%, 31%, 100%
CMY	0.2349, 0.6904, 0.0001
CMYK	0.23, 0.69, 0.00, 0.00
HSL	280°, 100%, 65%
HSV	280°, 69%, 100%
XYZ	43.3701, 24.4188, 97.0166
YIQ	133.7480, 12.6400, 79.3280

Conversions

Conversions Part 2

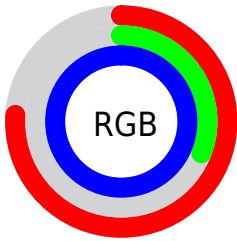
Format	Color
R _Y B	195, 79, 255
Decimal	12799999
CIE Lab	56.50, 72.41, -67.45
CIE LCh	57, 98.958, 317.035
Yxy	24.4188, 0.2632, 0.1482
Android (android.graphics.Color)	4290990079 (0xFFC34FFF)
YUV	133.7480, 59.7772, 53.7180
Hunter-Lab	49.4154, 70.1860, -81.8126

Details

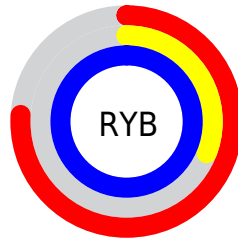
The YIQ color **133.7480, 12.6400, 79.3280** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **200.2520, -12.6400, -79.3280**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1470, 32.7250, 62.2370**, and **63.1220, 17.8190, 90.0990** is the 20% darker color. If you saturate the color by 10%, you get **115.7950, 14.4260, 91.0180**, and if you desaturate by 10%, it is **151.1140, 11.1290, 68.1610**.

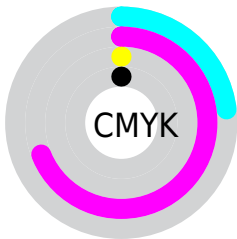
Distribution



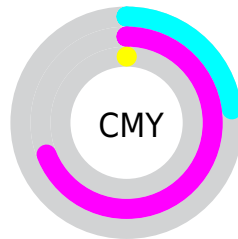
- Red (76%)
- Green (31%)
- Blue (100%)



- Red (76%)
- Yellow (31%)
- Blue (100%)



- Cyan (23%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.7480, 12.6400, 79.3280 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 133.7480, 12.6400, 79.3280 by changing the saturation by 10% instead.


 133.7480, 12.6400,
79.3280


 133.7480, 12.6400,
79.3280


255.0000, -0.0000,
-0.0000


 103.2750, 12.5940,
80.1620


 185.1470, 32.7250,
62.2370


 63.1220, 17.8190,
90.0990


 202.1700, 24.7500,
47.0700

 51.2590, 9.5230,
75.2430


 219.1930, 16.7750,
31.9030

 39.2110, 0.3100,
60.4860

 236.2160, 8.8000,
16.7360

 26.9780, -9.8200,
45.8280

253.8260, 0.5500,
1.0460

 12.0540, -25.3140,
29.2620

 7.4100, -20.8650,

20.2150

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 133.7480, 12.6400,
79.3280

■ 133.7480, 12.6400,
79.3280

■ 115.7950, 14.4260,
91.0180

■ 151.1140, 11.1290,
68.1610

■ 98.7280, 16.5330,
102.3970

■ 168.7680, 8.7470,
56.2590

■ 80.7750, 18.3190,
114.0870

■ 186.1340, 7.2360,
45.0920

■ 79.3020, 18.2730,
114.9210

■ 204.0870, 5.4500,
33.4020

■ 221.1540, 3.3430,
22.0230

■ 239.1070, 1.5570,
10.3330

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.



105.3800, -117.6050, 11.3150



133.7480, 12.6400, 79.3280



96.4230, 95.1630, 109.1070

Triad

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



133.7480, 12.6400, 79.3280



127.5710, 83.7700, -20.3740



120.7660, -105.8140, -31.6860

Complementary

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



133.7480, 12.6400, 79.3280



200.2520, -12.6400, -79.3280

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.



109.3320, -76.3740, -58.6300



133.7480, 12.6400, 79.3280



121.8700, 30.4990, -51.6530

Square

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



133.7480, 12.6400, 79.3280



113.7910, 131.4460, 18.6940



94.5070, -44.2750, -84.2030



127.6860, -128.0550, -8.5590

Rectangle

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



133.7480, 12.6400, 79.3280



89.9250, 113.4600, 91.3800



94.5070, -44.2750, -84.2030



117.3460, -96.1840, -41.0160

Sweetspot

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



133.7480, 12.6400, 79.3280



217.9200, 4.1220, 24.4260



135.4580, -73.5460, 22.3100



105.9270, 2.2440, 14.4040



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.



133.7480, 12.6400, 79.3280



109.0280, 15.3880, 95.6120



148.7240, 56.7460, 83.9620



118.8740, 0.5950, 5.7390



59.4480, 13.7850, 86.1130



19.8540, 4.4880, 28.8080

Inverse Universe

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



138.4640, 85.6360, 55.9720



114.5960, 103.2400, 67.3360



185.2760, -56.7460, -83.9620



119.3430, 6.4640, 4.0000



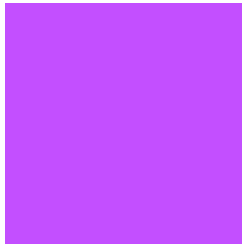
64.5190, 92.9710, 60.7070



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 133.7480, 12.6400, 79.3280 looks on a white background.

Color Contrast Check

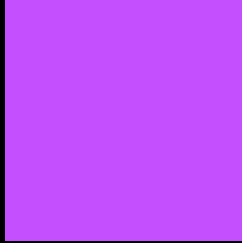
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7480, 12.6400, 79.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

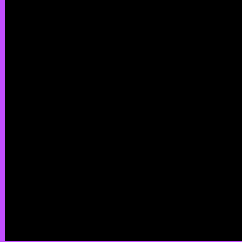
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.7480, 12.6400, 79.3280

Background



This preview shows how black text looks on a background with the YIQ color 133.7480, 12.6400, 79.3280.



This preview shows how white text looks on a background with the YIQ color 133.7480, 12.6400,

79.3280.

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

133.7480, 12.6400, 79.3280

Protanopia

126.5870, -78.2230, 24.4730

Deuteranopia

114.5030, -104.9500, 7.7380



Tritanopia

137.4710, 29.8910, 14.4590

Trichromacy



Original Color

133.7480, 12.6400, 79.3280



Protanomaly

129.4870, -44.9860, 44.3740



Deuteranomaly

121.7680, -62.3150, 33.5330



Tritanomaly

136.0030, 23.4220, 38.0940

Monochromacy



Original Color

133.7480, 12.6400, 79.3280



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

133.8540, 4.4880, 28.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.7480, 12.6400, 79.3280 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(195, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 79, 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(195, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 79, 255) }
```

Border

The CSS property to change the border of an element to YIQ 133.7480, 12.6400, 79.3280 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(195, 79, 255) }
```


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

```
.border{ border-color:rgb(195, 79, 255) }
```

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

Here you see how a box with a 4 pixel rgb(195, 79, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 79,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 133.7480, 12.6400, 79.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 79, 255) }
```

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

```
.background{ background-color: rgb(195, 79,  
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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