

Converting Colors

YIQ(133.3300, 1.5930, 64.7690)

Have a look what the booklet for
YIQ(133.3300, 1.5930, 64.7690)
contains.

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Color

**YIQ(133.3300, 1.5930,
64.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5BF2
RGB	175, 91, 242
RGB Percent	69%, 36%, 95%
CMY	0.3134, 0.6433, 0.0511
CMYK	0.28, 0.62, 0.00, 0.05
HSL	273°, 85%, 65%
HSV	273°, 62%, 95%
XYZ	37.4569, 23.0079, 86.4490
YIQ	133.3300, 1.5930, 64.7690

Conversions

Conversions Part 2

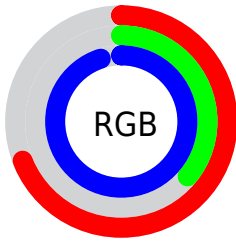
Format	Color
R _Y B	175, 91, 242
Decimal	11492338
CIE Lab	55.08, 60.20, -62.64
CIE LCh	55, 86.878, 313.860
Yxy	23.0079, 0.2550, 0.1566
Android (android.graphics.Color)	4289682418 (0xFFAF5BF2)
YUV	133.3300, 53.5743, 36.5446
Hunter-Lab	47.9666, 55.4483, -73.2802

Details

The YIQ color **133.3300, 1.5930, 64.7690** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **199.6700, -1.5930, -64.7690**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1510, 17.7340, 53.0780**, and **76.6180, 0.7220, 64.0340** is the 20% darker color. If you saturate the color by 10%, you get **115.9530, 1.6370, 74.9890**, and if you desaturate by 10%, it is **150.7070, 1.5490, 54.5490**.

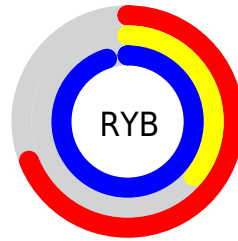
Distribution



Red (69%)

Green (36%)

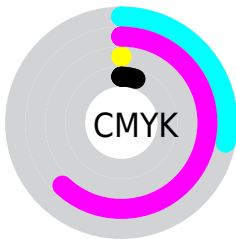
Blue (95%)



Red (69%)

Yellow (36%)

Blue (95%)

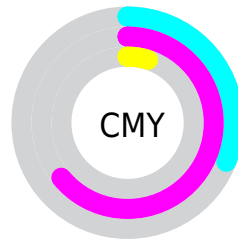


Cyan (28%)

Magenta (62%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (64%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.3300, 1.5930, 64.7690 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 133.3300, 1.5930, 64.7690 by changing the saturation by 10% instead.

133.3300, 1.5930,
64.7690

133.3300, 1.5930,
64.7690

255.0000, -0.0000,
-0.0000

105.5040, 1.0430,
63.7230

184.1510, 17.7340,
53.0780

76.6180, 0.7220,
64.0340

206.8660, 22.5500,
42.8860

44.5090, 2.6470,
67.6950

223.3020, 14.8500,
28.2420

32.4610, -6.5660,
52.9380

240.3250, 6.8750,
13.0750

19.7440, -18.2090,
38.1670

9.0060, -25.3590,
24.5690

9.2050, -19.0300,

14.4900

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 133.3300, 1.5930,
64.7690

■ 133.3300, 1.5930,
64.7690

■ 115.9530, 1.6370,
74.9890

■ 150.7070, 1.5490,
54.5490

■ 98.8750, 2.2770,
85.4210

■ 168.0840, 1.5050,
44.3290

■ 80.9110, 2.5960,
96.1640

■ 185.7490, 0.5900,
33.3740

■ 67.9530, 2.7780,
103.8820

■ 203.1260, 0.5460,
23.1540

220.5030, 0.5020,
12.9340

237.5810, -0.1380,
2.5020

252.0230, 1.1930,
-5.1030

253.5180, 4.1730,
-4.0430

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



133.3300, 1.5930, 64.7690



110.0320, 79.4860, 90.3500

Triad

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



133.3300, 1.5930, 64.7690



124.0380, 83.9530, -18.1830



114.6050, -98.1110, -33.6230

Complementary

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



133.3300, 1.5930, 64.7690



199.6700, -1.5930, -64.7690

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.



104.4250, -72.2020, -57.1460



133.3300, 1.5930, 64.7690



120.4520, 37.7880, -46.0840

Square

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



133.3300, 1.5930, 64.7690



116.1730, 115.8110, 21.2110



90.3980, -42.3500, -80.5420



121.9980, -120.3060, -11.3300

Rectangle

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



133.3300, 1.5930, 64.7690



90.6090, 111.5340, 93.2460



90.3980, -42.3500, -80.5420



111.6410, -89.7650, -41.7090

Sweetspot

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



133.3300, 1.5930, 64.7690



220.5450, 0.6840, 20.6520



148.1300, -67.1710, 11.3970



106.5030, 0.5020, 12.9340



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.



133.3300, 1.5930, 64.7690



117.4680, 1.8650, 81.8730



152.4510, 44.0930, 76.4850



111.4610, 0.3200, 5.2160



51.4740, 1.7280, 78.8480



15.6530, 0.5000, 23.9880

Inverse Universe

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



143.7870, 68.4890, 52.8490



130.6850, 86.8720, 66.6160



180.5490, -44.0930, -76.4850



112.1580, 5.5470, 4.0990



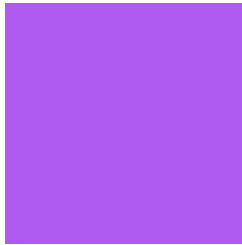
64.2500, 83.6630, 64.1990



19.5940, 25.3510, 19.6470

Previews

White Background



This preview shows how the YIQ color 133.3300, 1.5930, 64.7690 looks on a white background.

Color Contrast Check

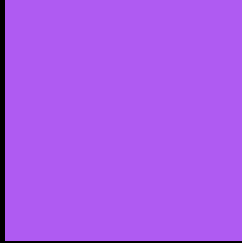
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3300, 1.5930, 64.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

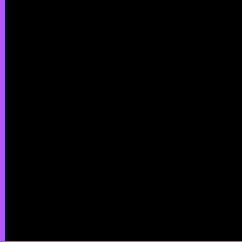
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.3300, 1.5930, 64.7690

Background



This preview shows how black text looks on a background with the YIQ color 133.3300, 1.5930, 64.7690.



This preview shows how white text looks on a background with the YIQ color 133.3300, 1.5930,

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

133.3300, 1.5930, 64.7690

Protanopia

120.9500, -83.6790, 24.2330

Deuteranopia

117.4790, -87.2070, 11.0730



Tritanopia

133.8930, 16.7790, 9.7950

Trichromacy



Original Color

133.3300, 1.5930, 64.7690



Protanomaly

125.6060, -52.8710, 38.5930



Deuteranomaly

123.0800, -54.5660, 30.7620



Tritanomaly

133.5020, 11.4110, 29.9950

Monochromacy



Original Color

133.3300, 1.5930, 64.7690



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.2400, 0.2250, 23.4650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3300, 1.5930, 64.7690 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, 91, 242)` looks like.

```
.text, #text, p{  
    color:rgb(175, 91, 242)  
}
```

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, 91, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 91, 242) }
```

Border

The CSS property to change the border of an element to YIQ 133.3300, 1.5930, 64.7690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

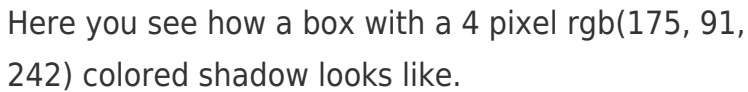
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 91, 242) }
```


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

```
.border{ border-color:rgb(175, 91, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 91, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 91, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 91, 242); box-shadow:4px 4px 4px 4px rgb(175, 91, 242) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3300, 1.5930, 64.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 91, 242) }
```

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

```
.background{ background-color: rgb(175, 91,  
242) }
```

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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