

Converting Colors

YIQ(153.9940, 1.2780, 31.9180)

Have a look what the booklet for
YIQ(153.9940, 1.2780, 31.9180)
contains.

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Color

**YIQ(153.9940, 1.2780,
31.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	AF85CF
RGB	175, 133, 207
RGB Percent	69%, 52%, 81%
CMY	0.3136, 0.4785, 0.1883
CMYK	0.15, 0.36, 0.00, 0.19
HSL	274°, 44%, 67%
HSV	274°, 36%, 81%
XYZ	37.3335, 30.3929, 62.9217
YIQ	153.9940, 1.2780, 31.9180

Conversions

Conversions Part 2

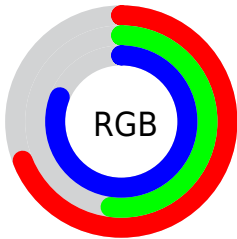
Format	Color
RYB	175, 133, 207
Decimal	11503055
CIELab	61.99, 30.01, -32.12
CIELCh	62, 43.954, 313.051
Yxy	30.3929, 0.2858, 0.2326
Android (android.graphics.Color)	4289693135 (0xFFAF85CF)
YUV	153.9940, 26.1320, 18.4223
Hunter-Lab	55.1297, 24.4021, -29.0791

Details

The YIQ color **153.9940, 1.2780, 31.9180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.0060, -1.2780, -31.9180**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9080, 4.3960, 30.4760**, and **102.2280, 0.4990, 29.5150** is the 20% darker color. If you saturate the color by 10%, you get **138.9760, 1.6890, 40.9930**, and if you desaturate by 10%, it is **169.0120, 0.8670, 22.8430**.

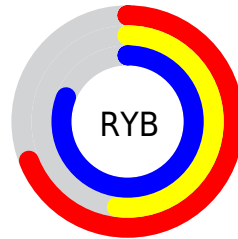
Distribution



Red (69%)

Green (52%)

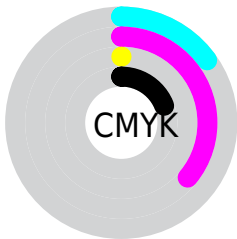
Blue (81%)



Red (69%)

Yellow (52%)

Blue (81%)

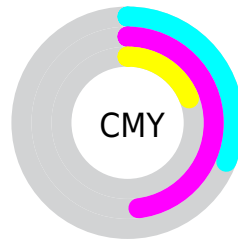


Cyan (15%)

Magenta (36%)

Yellow (0%)

Black (19%)



Cyan (31%)

Magenta (48%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.9940, 1.2780, 31.9180 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 153.9940, 1.2780, 31.9180 by changing the saturation by 10% instead.

153.9940, 1.2780,
31.9180

153.9940, 1.2780,
31.9180

255.0000, -0.0000,
-0.0000

127.4670, 1.3240,
31.0840

207.9080, 4.3960,
30.4760

102.2280, 0.4990,
29.5150

231.5200, 11.0000,
20.9200

77.7010, 0.5450,
28.6810

247.9560, 3.3000,
6.2760

53.5760, -0.6010,
27.4230

30.1630, -0.8760,
26.9000

13.9300, -1.8380,
22.3060

4.7080, -10.5010,

8.5950

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 153.9940, 1.2780,
31.9180

■ 153.9940, 1.2780,
31.9180

■ 138.9760, 1.6890,
40.9930

■ 169.0120, 0.8670,
22.8430

■ 124.5450, 1.8250,
49.5450

■ 183.4430, 0.7310,
14.2910

■ 109.5270, 2.2360,
58.6200

■ 198.4610, 0.3200,
5.2160

■ 94.5090, 2.6470,
67.6950

■ 213.4790, -0.0910,
-3.8590

79.4910, 3.0580,
76.7700

227.9100, -0.2270,
-12.4110

65.0600, 3.1940,
85.3220

241.7540, -0.0880,
-20.4400

58.8800, 3.8810,
89.3930

244.4450, 5.2760,
-18.5320

247.1360, 10.6400,
-16.6240

249.5280, 15.4080,
-14.9280

Harmonies

Analogous

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



147.3240, -44.1100, 17.4740



153.9940, 1.2780, 31.9180



153.8380, 36.9480, 35.2520

Triad

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



153.9940, 1.2780, 31.9180



148.1380, 51.8570, -9.1910



118.7140, -100.0360, -37.2840

Complementary

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



153.9940, 1.2780, 31.9180



186.0060, -1.2780, -31.9180

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.



129.4250, -53.8660, -37.0180



153.9940, 1.2780, 31.9180



144.8480, 28.7060, -24.6540

Square

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



153.9940, 1.2780, 31.9180



149.7180, 62.6280, 10.3720



140.1410, -6.0920, -32.7800



121.0570, -110.7670, -24.5190

Rectangle

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



153.9940, 1.2780, 31.9180



151.8150, 52.9500, 31.5900



140.1410, -6.0920, -32.7800



117.2320, -95.8630, -41.3270

Sweetspot

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



153.9940, 1.2780, 31.9180



234.9760, 0.5480, 12.1000



160.2200, -32.5540, 6.2780



115.6290, -0.0930, 7.1950



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.



153.9940, 1.2780, 31.9180



176.3770, 2.2380, 47.5660



162.9920, 21.9550, 37.1470



97.0480, 0.0450, 4.6930



47.8560, 3.2880, 72.6000



11.5510, 0.5470, 17.6270

Inverse Universe

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



158.7740, 33.8320, 25.6400



183.3620, 50.1520, 38.2480



177.0080, -21.9550, -37.1470



97.8590, 4.9510, 3.8870



58.5540, 76.6950, 58.3190



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 153.9940, 1.2780, 31.9180 looks on a white background.

Color Contrast Check

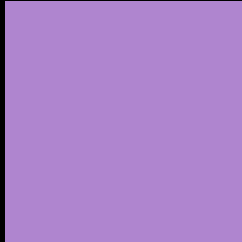
Large Text (above 18pt) WCAG AA × Fail

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 153.9940, 1.2780, 31.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

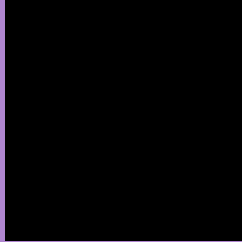
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.9940, 1.2780, 31.9180

Background



This preview shows how black text looks on a background with the YIQ color 153.9940, 1.2780, 31.9180.



This preview shows how white text looks on a background with the YIQ color 153.9940, 1.2780,

31.9180.

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

153.9940, 1.2780, 31.9180

Protanopia

149.8150, -35.3070, 17.6290

Deuteranopia

150.1980, -26.3200, 14.4480



Tritanopia

152.1310, 10.1770, 8.2970

Trichromacy



Original Color

153.9940, 1.2780, 31.9180

Protanomaly

151.5070, -22.5160, 22.6040

Deuteranomaly

151.8620, -16.3260, 20.5540

Tritanomaly

152.8460, 6.9660, 16.9340

Monochromacy



Original Color

153.9940, 1.2780, 31.9180

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8620, 0.8690, 11.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.9940, 1.2780, 31.9180 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, 133, 207)` looks like.

```
.text, #text, p{  
    color:rgb(175, 133, 207)  
}
```

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, 133, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 133, 207) }
```

Border

The CSS property to change the border of an element to YIQ 153.9940, 1.2780, 31.9180 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, 133, 207) }
```


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

```
.border{ border-color:rgb(175, 133, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 133, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 133, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 133, 207);  
box-shadow:4px 4px 4px 4px rgb(175, 133,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 153.9940, 1.2780, 31.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 133, 207) }
```

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

```
.background{ background-color: rgb(175,  
133, 207) }
```

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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