

Converting Colors

YIQ(175.4960, 11.5480, 33.0200)

Have a look what the booklet for
YIQ(175.4960, 11.5480, 33.0200)
contains.

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Color

**YIQ(175.4960, 11.5480,
33.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	CF97DB
RGB	207, 151, 219
RGB Percent	81%, 59%, 86%
CMY	0.1881, 0.4079, 0.1412
CMYK	0.05, 0.31, 0.00, 0.14
HSL	289°, 49%, 73%
HSV	289°, 31%, 86%
XYZ	49.5934, 40.5119, 72.2224
YIQ	175.4960, 11.5480, 33.0200

Conversions

Conversions Part 2

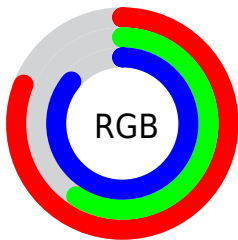
Format	Color
R _Y B	207, 151, 219
Decimal	13604827
CIE Lab	69.83, 32.56, -26.43
CIE LCh	70, 41.941, 320.930
Yxy	40.5119, 0.3055, 0.2496
Android (android.graphics.Color)	4291794907 (0xFFCF97DB)
YUV	175.4960, 21.4475, 27.6290
Hunter-Lab	63.6490, 27.6963, -22.7219

Details

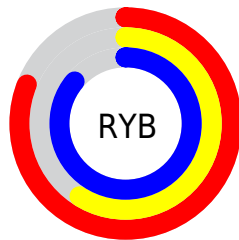
The YIQ color **175.4960, 11.5480, 33.0200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **194.5040, -11.5480, -33.0200**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2370, 13.4750, 25.6270**, and **122.2570, 10.7230, 31.4510** is the 20% darker color. If you saturate the color by 10%, you get **161.3860, 15.2140, 43.6780**, and if you desaturate by 10%, it is **189.6060, 7.8820, 22.3620**.

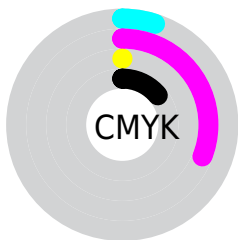
Distribution



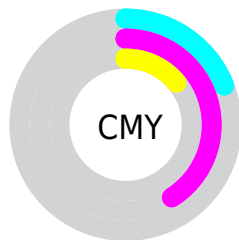
- Red (81%)
- Green (59%)
- Blue (86%)



- Red (81%)
- Yellow (59%)
- Blue (86%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.4960, 11.5480, 33.0200 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 175.4960, 11.5480, 33.0200 by changing the saturation by 10% instead.

■ 175.4960, 11.5480,
33.0200

■ 175.4960, 11.5480,
33.0200

255.0000, -0.0000,
-0.0000

■ 148.6700, 10.9980,
31.9740

■ 226.2370, 13.4750,
25.6270

■ 122.2570, 10.7230,
31.4510

■ 242.6730, 5.7750,
10.9830

■ 96.4310, 10.1730,
30.4050

■ 72.3060, 9.0270,
29.1470

■ 47.8930, 8.7520,
28.6240

■ 23.8930, 8.7520,
28.6240

■ 14.3560, 5.5900,

19.8460

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 175.4960, 11.5480,
33.0200

■ 175.4960, 11.5480,
33.0200

■ 161.3860, 15.2140,
43.6780

■ 189.6060, 7.8820,
22.3620

■ 147.2760, 18.8800,
54.3360

■ 203.7160, 4.2160,
11.7040

■ 133.4650, 23.1420,
65.2060

■ 217.8260, 0.5500,
1.0460

■ 119.3550, 26.8080,
75.8640

■ 231.6370, -3.7120,
-9.8240

105.2450, 30.4740,
86.5220

242.2250, -5.7280,
-17.3440

91.7220, 33.8650,
96.6570

243.4210, -3.3440,
-16.4960

79.0850, 37.5770,
106.4810

244.6170, -0.9600,
-15.6480

245.8130, 1.4240,
-14.8000

247.0090, 3.8080,
-13.9520

Harmonies

Analogous

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



171.3860, -29.4850, 22.2510



175.4960, 11.5480, 33.0200



174.3070, 42.8170, 33.5130

Triad

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



175.4960, 11.5480, 33.0200



168.3930, 46.5850, -12.7670



133.9880, -115.4870, -38.1030

Complementary

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



175.4960, 11.5480, 33.0200



194.5040, -11.5480, -33.0200

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.



150.0590, -61.5230, -35.9150



175.4960, 11.5480, 33.0200



165.3030, 19.9950, -26.4770

Square

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



175.4960, 11.5480, 33.0200



170.8870, 60.4740, 5.3540



159.4650, -15.8120, -32.8360



135.8750, -124.9340, -26.5820

Rectangle

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



175.4960, 11.5480, 33.0200



173.1480, 56.2060, 27.6460



159.4650, -15.8120, -32.8360



133.0930, -111.5890, -42.6690

Sweetspot

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



175.4960, 11.5480, 33.0200



240.3030, 3.9410, 11.1810



165.7960, -25.1280, 14.8720



118.2980, 2.3370, 7.2090



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.



175.4960, 11.5480, 33.0200



194.7390, 15.7180, 45.5580



176.5760, 25.7620, 28.7220



102.9450, 1.8330, 5.3290



62.4790, 29.6950, 84.1190



16.6060, 7.8820, 22.3620

Inverse Universe

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



172.7000, 36.6760, 18.1480



190.9300, 50.8880, 24.9040



193.4240, -25.7620, -28.7220



102.5170, 5.9140, 2.9540



55.1470, 93.4780, 46.0060



14.6660, 24.8480, 12.2400

Previews

White Background



This preview shows how the YIQ color 175.4960, 11.5480, 33.0200 looks on a white background.

Color Contrast Check

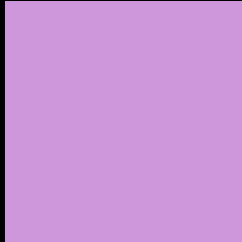
Large Text (above 18pt) WCAG AA × Fail

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 175.4960, 11.5480, 33.0200 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 175.4960, 11.5480, 33.0200

Background



This preview shows how black text looks on a background with the YIQ color 175.4960, 11.5480, 33.0200.



This preview shows how white text looks on a background with the YIQ color 175.4960, 11.5480,

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

175.4960, 11.5480, 33.0200

Protanopia

171.3980, -29.7590, 16.2010

Deuteranopia

172.2760, -17.7920, 14.0800



Tritanopia

173.3280, 19.9880, 12.2120

Trichromacy



Original Color

175.4960, 11.5480, 33.0200

Protanomaly

172.6990, -14.3090, 22.5470

Deuteranomaly

173.6520, -6.9270, 20.9210

Tritanomaly

174.4020, 17.1440, 19.7040

Monochromacy



Original Color

175.4960, 11.5480, 33.0200

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.1290, 4.4910, 12.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.4960, 11.5480, 33.0200 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(207, 151, 219)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 219)  
}
```

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(207, 151, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 219) }
```

Border

The CSS property to change the border of an element to YIQ 175.4960, 11.5480, 33.0200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

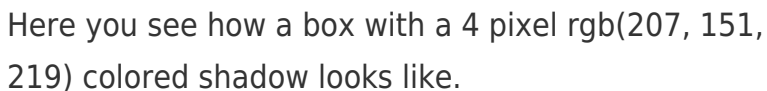
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 151, 219) }
```


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

```
.border{ border-color:rgb(207, 151, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 151, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 151, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 151, 219); box-shadow:4px 4px 4px 4px rgb(207, 151, 219) }
```

Background

The CSS property to change the background color of an element to YIQ 175.4960, 11.5480, 33.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 219) }
```

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

```
.background{ background-color: rgb(207,  
151, 219) }
```

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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