

Converting Colors

YIQ(155.8180, 13.3370, 28.1290)

Have a look what the booklet for
YIQ(155.8180, 13.3370, 28.1290)
contains.

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Color

**YIQ(155.8180, 13.3370,
28.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	BA86BD
RGB	186, 134, 189
RGB Percent	73%, 53%, 74%
CMY	0.2704, 0.4746, 0.2588
CMYK	0.02, 0.29, 0.00, 0.26
HSL	297°, 29%, 63%
HSV	297°, 29%, 74%
XYZ	37.9672, 31.1626, 52.1595
YIQ	155.8180, 13.3370, 28.1290

Conversions

Conversions Part 2

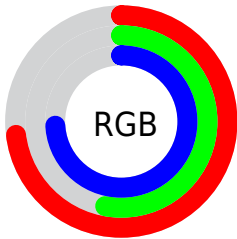
Format	Color
RYB	186, 134, 189
Decimal	12224189
CIELab	62.64, 29.25, -20.90
CIELCh	63, 35.948, 324.459
Yxy	31.1626, 0.3130, 0.2569
Android (android.graphics.Color)	4290414269 (0xFFBA86BD)
YUV	155.8180, 16.3587, 26.4696
Hunter-Lab	55.8235, 23.7121, -16.3221

Details

The YIQ color **155.8180, 13.3370, 28.1290** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.1820, -13.3370, -28.1290**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.9430, 14.4830, 29.3870**, and **103.6930, 12.1910, 26.8710** is the 20% darker color. If you saturate the color by 10%, you get **144.3660, 17.9660, 37.8540**, and if you desaturate by 10%, it is **167.2700, 8.7080, 18.4040**.

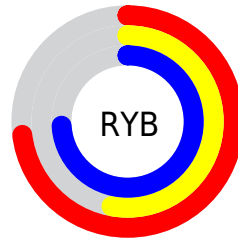
Distribution



Red (73%)

Green (53%)

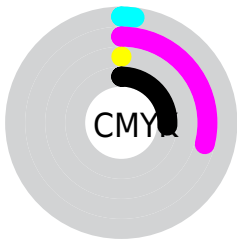
Blue (74%)



Red (73%)

Yellow (53%)

Blue (74%)

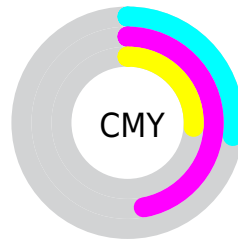


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.8180, 13.3370, 28.1290 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 155.8180, 13.3370, 28.1290 by changing the saturation by 10% instead.

155.8180, 13.3370,
28.1290

155.8180, 13.3370,
28.1290

255.0000, -0.0000,
-0.0000

129.4050, 13.0620,
27.6060

210.9430, 14.4830,
29.3870

103.6930, 12.1910,
26.8710

232.1070, 10.7250,
20.3970

78.8670, 11.6410,
25.8250

248.5430, 3.0250,
5.7530

55.1550, 10.7700,
25.0900

31.7420, 10.4950,
24.5670

15.3240, 8.6160,
20.0720

2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 155.8180, 13.3370,
28.1290

■ 155.8180, 13.3370,
28.1290

■ 144.3660, 17.9660,
37.8540

■ 167.2700, 8.7080,
18.4040

■ 132.9140, 22.5950,
47.5790

■ 178.7220, 4.0790,
8.6790

■ 121.4620, 27.2240,
57.3040

■ 190.1740, -0.5500,
-1.0460

■ 110.0100, 31.8530,
67.0290

■ 201.6260, -5.1790,
-10.7710

■ 98.5580, 36.4820,
76.7540

■ 212.4910, -9.5330,
-19.9730

87.6930, 40.8360,
85.9560

223.9430,
-14.1620, -29.6980

76.2410, 45.4650,
95.6810

228.9380,
-15.7660, -33.6700

75.0670, 46.0150,
96.7270

229.2370,
-15.1700, -33.4580

229.5360,
-14.5740, -33.2460

Harmonies

Analogous

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



152.7090, -20.2690, 20.4270



155.8180, 13.3370, 28.1290



155.1660, 38.6000, 27.3360

Triad

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



155.8180, 13.3370, 28.1290



150.1300, 37.1400, -12.3000



118.7940, -103.0170, -32.8170

Complementary

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



155.8180, 13.3370, 28.1290



167.1820, -13.3370, -28.1290

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.



134.1680, -54.2800, -29.5120



155.8180, 13.3370, 28.1290



146.8880, 14.0340, -23.0700

Square

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



155.8180, 13.3370, 28.1290



151.7440, 50.5710, 3.1070



142.0290, -17.2800, -28.2560



127.1840, -94.7670, -17.1270

Rectangle

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



155.8180, 13.3370, 28.1290



154.1530, 48.6420, 21.5540



142.0290, -17.2800, -28.2560



125.3030, -85.4570, -31.6730

Sweetspot

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



155.8180, 13.3370, 28.1290



231.7870, 5.4540, 11.2940



142.6180, -18.7550, 15.0130



114.3690, 3.5750, 6.7990



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.8180, 13.3370, 28.1290



193.0230, 20.6700, 43.9180



153.9790, 22.8290, 21.3010



88.7170, 2.4750, 4.7070



62.8620, 38.6820, 80.9380



12.2050, 7.3330, 15.7890

Inverse Universe

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



150.7870, 31.8170, 12.5930



185.2840, 49.6510, 19.7870



169.0210, -22.8290, -21.3010



87.6910, 5.3640, 1.9080



48.2680, 91.2790, 36.2950



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 155.8180, 13.3370, 28.1290 looks on a white background.

Color Contrast Check

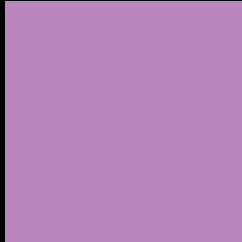
Large Text (above 18pt) WCAG AA × Fail

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 155.8180, 13.3370, 28.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

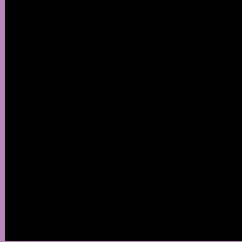
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.8180, 13.3370, 28.1290

Background



This preview shows how black text looks on a background with the YIQ color 155.8180, 13.3370, 28.1290.



This preview shows how white text looks on a background with the YIQ color 155.8180, 13.3370,

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

155.8180, 13.3370, 28.1290

Protanopia

152.2260, -23.5230, 13.3170

Deuteranopia

153.2180, -11.8770, 11.5070



Tritanopia

154.2140, 20.3090, 11.9010

Trichromacy



Original Color

155.8180, 13.3370, 28.1290

Protanomaly

153.3310, -10.4570, 18.8150

Deuteranomaly

154.2840, -3.0750, 17.1890

Tritanomaly

154.5330, 18.1530, 17.9370

Monochromacy



Original Color

155.8180, 13.3370, 28.1290

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9610, 4.9040, 10.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.8180, 13.3370, 28.1290 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(186, 134, 189)` looks like.

```
.text, #text, p{  
    color:rgb(186, 134, 189)  
}
```

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(186, 134, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 134, 189) }
```

Border

The CSS property to change the border of an element to YIQ 155.8180, 13.3370, 28.1290 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(186, 134, 189) }
```


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

```
.border{ border-color:rgb(186, 134, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 134, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 134, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 134, 189);  
box-shadow:4px 4px 4px 4px rgb(186, 134,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 155.8180, 13.3370, 28.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 134, 189) }
```

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

```
.background{ background-color: rgb(186,  
134, 189) }
```

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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