

Converting Colors

YIQ(148.3930, 13.3360, 33.6560)

Have a look what the booklet for
YIQ(148.3930, 13.3360, 33.6560)
contains.

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Color

**YIQ(148.3930, 13.3360,
33.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	B67BBF
RGB	182, 123, 191
RGB Percent	71%, 48%, 75%
CMY	0.2861, 0.5177, 0.2510
CMYK	0.05, 0.36, 0.00, 0.25
HSL	292°, 35%, 62%
HSV	292°, 36%, 75%
XYZ	35.7863, 27.8722, 52.7840
YIQ	148.3930, 13.3360, 33.6560

Conversions

Conversions Part 2

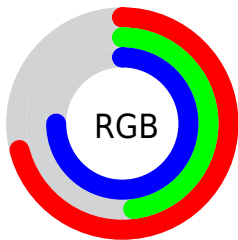
Format	Color
R_{YB}	182, 123, 191
Decimal	11959231
CIE _{Lab}	59.77, 34.44, -26.47
CIE _{LCh}	60, 43.435, 322.454
Yxy	27.8722, 0.3073, 0.2394
Android (android.graphics.Color)	4290149311 (0xFFB67BBF)
YUV	148.3930, 21.0053, 29.4733
Hunter-Lab	52.7941, 28.6060, -22.3228

Details

The YIQ color $148.3930, 13.3360, 33.6560$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $165.6070, -13.3360, -33.6560$, and the grayscale version is $148.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $203.0450, 14.4360, 35.7480$, and $96.7410, 12.2360, 31.5640$ is the 20% darker color. If you saturate the color by 10%, you get $136.6420, 17.3690, 43.1690$, and if you desaturate by 10%, it is $160.4430, 9.8990, 24.3550$.

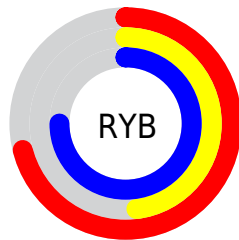
Distribution



Red (71%)

Green (48%)

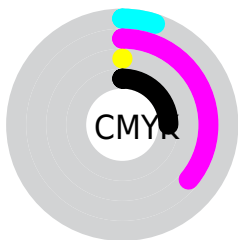
Blue (75%)



Red (71%)

Yellow (48%)

Blue (75%)

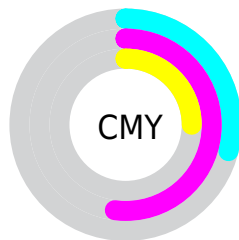


Cyan (5%)

Magenta (36%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (52%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.3930, 13.3360, 33.6560 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 148.3930, 13.3360, 33.6560 by changing the saturation by 10% instead.

148.3930, 13.3360,
33.6560

148.3930, 13.3360,
33.6560

255.0000, -0.0000,
-0.0000

121.9800, 13.0610,
33.1330

203.0450, 14.4360,
35.7480

96.7410, 12.2360,
31.5640

225.0630, 14.0250,
26.6730

72.0290, 11.3650,
30.8290

242.0860, 6.0500,
11.5060

47.6160, 11.0900,
30.3060

22.7300, 10.7690,
30.6170

14.9540, 6.7820,
20.2700

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 148.3930, 13.3360,
33.6560

■ 148.3930, 13.3360,
33.6560

■ 136.6420, 17.3690,
43.1690

■ 160.4430, 9.8990,
24.3550

■ 124.5920, 20.8060,
52.4700

■ 172.1940, 5.8660,
14.8420

■ 112.8410, 24.8390,
61.9830

■ 184.2440, 2.4290,
5.5410

■ 100.7910, 28.2760,
71.2840

■ 195.9950, -1.6040,
-3.9720

■ 88.1540, 31.9880,
81.1080

■ 208.0450, -5.0410,
-13.2730

76.4030, 36.0210,
90.6210

220.3830, -9.3490,
-23.3090

71.4080, 37.6250,
94.5930

231.2590,
-12.2360, -31.5640

231.8570,
-11.0440, -31.1400

232.7540, -9.2560,
-30.5040

Harmonies

Analogous

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



144.9840, -28.2930, 22.6750



148.3930, 13.3360, 33.6560



146.7910, 44.3300, 33.6260

Triad

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



148.3930, 13.3360, 33.6560



141.5560, 44.5680, -14.7600



115.2890, -100.0370, -31.7570

Complementary

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



148.3930, 13.3360, 33.6560



165.6070, -13.3360, -33.6560

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.



111.7400, -85.7300, -43.2500



148.3930, 13.3360, 33.6560



137.9930, 17.9320, -27.6360

Square

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



148.3930, 13.3360, 33.6560



143.7620, 59.3280, 4.0960



132.0840, -19.1130, -33.5850



116.5890, -109.2090, -19.7130

Rectangle

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



148.3930, 13.3360, 33.6560



145.0340, 56.5270, 27.3350



132.0840, -19.1130, -33.5850



114.3940, -96.1390, -36.3230

Sweetspot

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



148.3930, 13.3360, 33.6560



230.2540, 5.6370, 13.4850



136.0350, -24.3030, 16.4410



115.0100, 3.2080, 7.9440



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



148.3930, 13.3360, 33.6560



180.5920, 20.8060, 52.4700



148.2340, 26.7250, 27.7890



88.4180, 1.8790, 4.4950



58.9750, 30.9340, 78.1820



11.6070, 6.1410, 15.3650

Inverse Universe

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



144.3580, 37.6390, 17.2150



174.2900, 58.6820, 26.8260



165.7660, -26.7250, -27.7890



87.8050, 5.0430, 2.2190



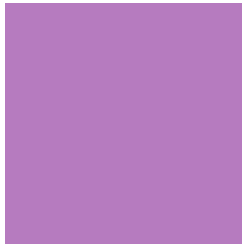
49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 148.3930, 13.3360, 33.6560 looks on a white background.

Color Contrast Check

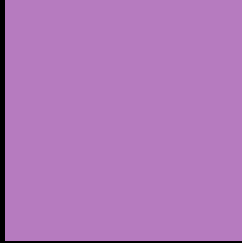
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.3930, 13.3360, 33.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

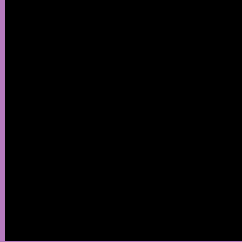
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.3930, 13.3360, 33.6560

Background



This preview shows how black text looks on a background with the YIQ color 148.3930, 13.3360, 33.6560.



This preview shows how white text looks on a background with the YIQ color 148.3930, 13.3360,

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

148.3930, 13.3360, 33.6560

Protanopia

143.9140, -31.2720, 16.0880

Deuteranopia

145.0370, -18.6170, 12.5110



Tritanopia

146.6980, 21.8220, 12.0140

Trichromacy



Original Color

148.3930, 13.3360, 33.6560

Protanomaly

145.5140, -15.2260, 22.6460

Deuteranomaly

146.1250, -6.8810, 20.0870

Tritanomaly

147.1850, 19.2530, 20.0290

Monochromacy



Original Color

148.3930, 13.3360, 33.6560

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1290, 4.4910, 12.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.3930, 13.3360, 33.6560 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(182, 123, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 123, 191)  
}
```

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(182, 123, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 123, 191) }
```

Border

The CSS property to change the border of an element to YIQ 148.3930, 13.3360, 33.6560 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(182, 123, 191) }
```


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

```
.border{ border-color:rgb(182, 123, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 123, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 123, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 123, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 123,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 148.3930, 13.3360, 33.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 123, 191) }
```

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

```
.background{ background-color: rgb(182,  
123, 191) }
```

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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