

Converting Colors

YIQ(151.3280, 11.9610, 31.0410)

Have a look what the booklet for
YIQ(151.3280, 11.9610, 31.0410)
contains.

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Color

**YIQ(151.3280, 11.9610,
31.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	B680BF
RGB	182, 128, 191
RGB Percent	71%, 50%, 75%
CMY	0.2861, 0.4981, 0.2510
CMYK	0.05, 0.33, 0.00, 0.25
HSL	291°, 33%, 63%
HSV	291°, 33%, 75%
XYZ	36.4217, 29.1443, 52.9958
YIQ	151.3280, 11.9610, 31.0410

Conversions

Conversions Part 2

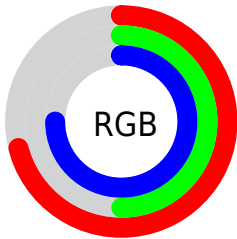
Format	Color
RYB	182, 128, 191
Decimal	11960511
CIELab	60.91, 31.67, -24.72
CIELCh	61, 40.174, 322.022
Yxy	29.1443, 0.3072, 0.2458
Android (android.graphics.Color)	4290150591 (0xFFB680BF)
YUV	151.3280, 19.5583, 26.8993
Hunter-Lab	53.9855, 25.9516, -20.4132

Details

The YIQ color **151.3280, 11.9610, 31.0410** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.6720, -11.9610, -31.0410**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5670, 12.7860, 32.6100**, and **99.6760, 10.8610, 28.9490** is the 20% darker color. If you saturate the color by 10%, you get **139.2780, 15.3980, 40.3420**, and if you desaturate by 10%, it is **163.3780, 8.5240, 21.7400**.

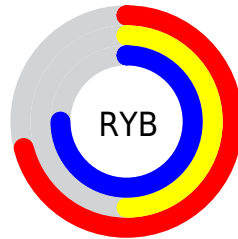
Distribution



Red (71%)

Green (50%)

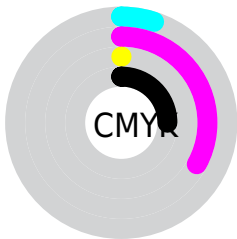
Blue (75%)



Red (71%)

Yellow (50%)

Blue (75%)

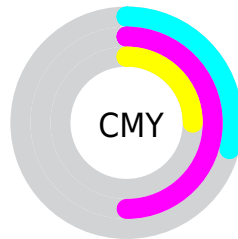


Cyan (5%)

Magenta (33%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (50%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3280, 11.9610, 31.0410 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 151.3280, 11.9610, 31.0410 by changing the saturation by 10% instead.

151.3280, 11.9610,
31.0410

151.3280, 11.9610,
31.0410

255.0000, -0.0000,
-0.0000

124.9150, 11.6860,
30.5180

206.5670, 12.7860,
32.6100

99.6760, 10.8610,
28.9490

227.9980, 12.6500,
24.0580

74.9640, 9.9900,
28.2140

245.0210, 4.6750,
8.8910

50.5510, 9.7150,
27.6910

26.6650, 9.3940,
28.0020

14.9540, 6.7820,
20.2700

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 151.3280, 11.9610,
31.0410

■ 151.3280, 11.9610,
31.0410

■ 139.2780, 15.3980,
40.3420

■ 163.3780, 8.5240,
21.7400

■ 127.5270, 19.4310,
49.8550

■ 175.1290, 4.4910,
12.2270

■ 115.4770, 22.8680,
59.1560

■ 187.1790, 1.0540,
2.9260

■ 103.4270, 26.3050,
68.4570

■ 199.2290, -2.3830,
-6.3750

■ 90.7900, 30.0170,
78.2810

■ 211.2790, -5.8200,
-15.6760

■ 79.0390, 34.0500,
87.7940

■ 223.6170,
-10.1280, -25.7120

■ 70.8100, 36.4330,
94.1690

■ 231.5580,
-11.6400, -31.3520

■ 232.4550, -9.8520,
-30.7160

■ 233.0530, -8.6600,
-30.2920

Harmonies

Analogous

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



147.7130, -26.0920, 21.3320



151.3280, 11.9610, 31.0410



150.3560, 41.1210, 31.2090

Triad

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



151.3280, 11.9610, 31.0410



144.9410, 42.0460, -13.1060



116.4630, -100.5870, -32.8030

Complementary

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



151.3280, 11.9610, 31.0410



167.6720, -11.9610, -31.0410

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.



125.2160, -63.4030, -34.8830



151.3280, 11.9610, 31.0410



141.5740, 17.7940, -25.1340

Square

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



151.3280, 11.9610, 31.0410



146.9080, 55.9810, 4.1810



136.3340, -16.8210, -31.0690



118.1220, -109.3920, -21.9040

Rectangle

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



151.3280, 11.9610, 31.0410



148.8270, 52.6760, 25.5400



136.3340, -16.8210, -31.0690



115.2090, -97.0560, -36.2240

Sweetspot

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



151.3280, 11.9610, 31.0410



232.0150, 4.8120, 11.9160



140.4650, -22.6980, 14.8860



115.5970, 2.9330, 7.4210



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.



151.3280, 11.9610, 31.0410



184.7010, 18.8810, 48.8090



151.5110, 24.3870, 26.1070



88.4180, 1.8790, 4.4950



58.6760, 30.3380, 77.9700



11.3080, 5.5450, 15.1530

Inverse Universe

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



147.8630, 34.6590, 16.1550



179.1970, 54.5100, 25.3420



167.4890, -24.3870, -26.1070



87.8050, 5.0430, 2.2190



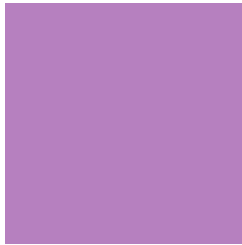
49.7500, 87.1060, 40.3380



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 151.3280, 11.9610, 31.0410 looks on a white background.

Color Contrast Check

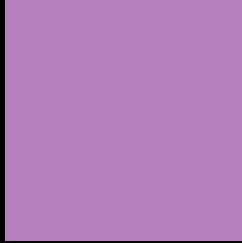
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.3280, 11.9610, 31.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

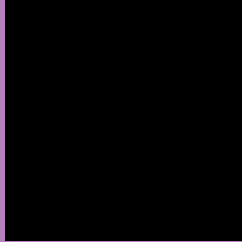
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.3280, 11.9610, 31.0410

Background



This preview shows how black text looks on a background with the YIQ color 151.3280, 11.9610, 31.0410.



This preview shows how white text looks on a background with the YIQ color 151.3280, 11.9610,

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

151.3280, 11.9610, 31.0410

Protanopia

147.2410, -27.8790, 15.1690

Deuteranopia

148.4070, -16.7830, 12.3130



Tritanopia

149.8010, 20.0340, 11.3780

Trichromacy



Original Color

151.3280, 11.9610, 31.0410

Protanomaly

148.8300, -13.3000, 20.7800

Deuteranomaly

149.4840, -6.5140, 18.9420

Tritanomaly

150.4620, 16.9150, 18.3470

Monochromacy



Original Color

151.3280, 11.9610, 31.0410

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.3030, 3.9410, 11.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3280, 11.9610, 31.0410 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, 128, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 128, 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, 128, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 128, 191) }
```

Border

The CSS property to change the border of an element to YIQ 151.3280, 11.9610, 31.0410 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, 128, 191) }
```


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

```
.border{ border-color:rgb(182, 128, 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, 128, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 128, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 128, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 128,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3280, 11.9610, 31.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 128, 191) }
```

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

```
.background{ background-color: rgb(182,  
128, 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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