

Converting Colors

$Y_{xy}(30.2851, 0.3109, 0.2567)$

Have a look what the booklet for
Yxy(30.2851, 0.3109, 0.2567)
contains.

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Color

Yxy(30.3080, 0.3109, 0.2571)

Conversions

Conversions Part 1

Format	Color
Hex	B685BB
RGB	182, 133, 187
RGB Percent	71%, 52%, 73%
CMY	0.2862, 0.4784, 0.2667
CMYK	0.03, 0.29, 0.00, 0.27
HSL	294°, 28%, 63%
HSV	294°, 29%, 73%
XYZ	36.6502, 30.3080, 50.9259
YIQ	153.8070, 11.8700, 27.1820

Conversions

Conversions Part 2

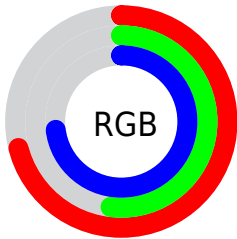
Format	Color
RYB	182, 133, 187
Decimal	11961787
CIELab	61.92, 28.07, -20.90
CIElCh	62, 34.999, 323.325
Yxy	30.3080, 0.3109, 0.2571
Android (android.graphics.Color)	4290151867 (0xFFB685BB)
YUV	153.8070, 16.3641, 24.7253
Hunter-Lab	55.0527, 22.4903, -16.3087

Details

The Yxy color **30.3080, 0.3109, 0.2571** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.6308, 0.3128, 0.4106**, and the grayscale version is **32.1499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3624, 0.3123, 0.2711**, and **12.4969, 0.3081, 0.2362** is the 20% darker color. If you saturate the color by 10%, you get **25.4284, 0.3098, 0.2323**, and if you desaturate by 10%, it is **36.1042, 0.3118, 0.2824**.

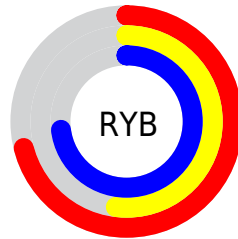
Distribution



Red (71%)

Green (52%)

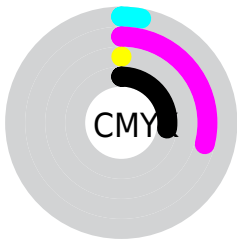
Blue (73%)



Red (71%)

Yellow (52%)

Blue (73%)

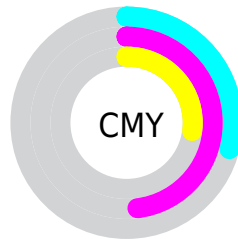


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (29%)


Magenta (48%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3080, 0.3109, 0.2571 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 Yxy color 30.3080, 0.3109, 0.2571 by changing the saturation by 10% instead.


 30.3080, 0.3109,
0.2571


 30.3080, 0.3109,
0.2571


303.3375, 0.3127,
0.2935

 20.0725, 0.3102,
0.2479


 60.1489, 0.3118,
0.2704

 12.4477, 0.3090,
0.2362


 80.5231, 0.3120,
0.2754

 7.0494, 0.3072,
0.2205


 105.0457, 0.3122,
0.2795

 3.4930, 0.3039,
0.1987

134.1010, 0.3123,
0.2831

 1.3942, 0.2974,
0.1668

168.0734, 0.3125,
0.2862

 0.2125, 0.2968,
0.0710

207.3474, 0.3125,

 0.0000, 0.0000,

0.2890

0.0000

252.3073, 0.3126,
0.2913

■ 30.3080, 0.3109,
0.2571

■ 30.3080, 0.3109,
0.2571

■ 25.4284, 0.3098,
0.2323

■ 36.1042, 0.3118,
0.2824

■ 21.4132, 0.3084,
0.2089

■ 42.8578, 0.3124,
0.3075

■ 18.2108, 0.3067,
0.1880

■ 50.6121, 0.3128,
0.3317

■ 15.7625, 0.3048,
0.1704

■ 59.4063, 0.3130,
0.3545

■ 14.0020, 0.3027,
0.1568

■ 69.2778, 0.3130,
0.3759

■ 12.8510, 0.3004,
0.1475

■ 80.2618, 0.3130,
0.3955

■ 12.1744, 0.2981,
0.1420

■ 86.5867, 0.3134,
0.4050

■ 12.1070, 0.2978,
0.1414

■ 86.8161, 0.3145,
0.4048

■ 87.0481, 0.3155,
0.4046

Harmonies

Analogous

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



30.3080, 0.2589, 0.2412



30.3080, 0.3109, 0.2571



30.3080, 0.3683, 0.2884

Triad

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



30.3080, 0.3109, 0.2571



30.3080, 0.4057, 0.4117



30.3080, 0.2221, 0.3160

Complementary

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



30.3080, 0.3109, 0.2571



42.6308, 0.3128, 0.4106

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.



30.3080, 0.2558, 0.3735



30.3080, 0.3109, 0.2571



30.3080, 0.3615, 0.4316

Square

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



30.3080, 0.3109, 0.2571



30.3080, 0.4254, 0.3734



30.3080, 0.3065, 0.4189



30.3080, 0.2114, 0.2697

Rectangle

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



30.3080, 0.3109, 0.2571



30.3080, 0.4001, 0.3150



30.3080, 0.3065, 0.4189



30.3080, 0.2309, 0.3348

Sweetspot

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



30.3093, 0.3109, 0.2571



76.4150, 0.3123, 0.3068



26.8654, 0.2637, 0.2549



16.4152, 0.3123, 0.3032



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



30.3093, 0.3109, 0.2571



48.2633, 0.3102, 0.2404



30.0694, 0.3385, 0.2851



9.6504, 0.3123, 0.3063



8.3595, 0.2981, 0.1416



0.3406, 0.3039, 0.1448

Inverse Universe

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



29.1726, 0.3696, 0.3222



45.9189, 0.3886, 0.3206



42.8758, 0.2935, 0.3776



9.5503, 0.3274, 0.3269



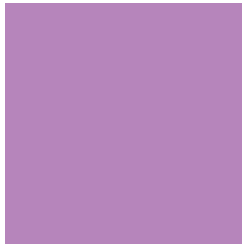
7.3125, 0.6281, 0.3234



0.2913, 0.5879, 0.3012

Previews

White Background



This preview shows how the Yxy color 30.3080, 0.3109, 0.2571 looks on a white background.

Color Contrast Check

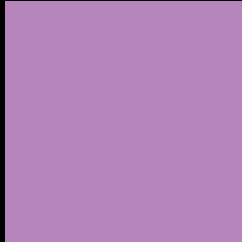
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.3080, 0.3109, 0.2571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

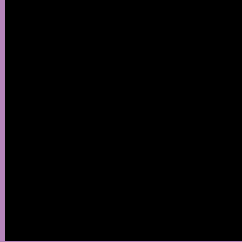
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3080, 0.3109, 0.2571

Background



This preview shows how black text looks on a background with the Yxy color 30.3080, 0.3109, 0.2571.



This preview shows how white text looks on a background with the Yxy color 30.3080, 0.3109, 0.2571.

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

30.3080, 0.3109, 0.2571

Protanopia

30.4913, 0.2597, 0.2560

Deuteranopia

30.5312, 0.2797, 0.2744



Tritanopia

30.3376, 0.3418, 0.3133

Trichromacy



Original Color

30.3080, 0.3109, 0.2571

Protanomaly

30.3123, 0.2767, 0.2565

Deuteranomaly

30.3224, 0.2907, 0.2677

Tritanomaly

30.1554, 0.3307, 0.2913

Monochromacy



Original Color

30.3080, 0.3109, 0.2571

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.2035, 0.3120, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3080, 0.3109, 0.2571 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, 133, 187)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 187)  
}
```

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, 133, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 187) }
```

Border

The CSS property to change the border of an element to Yxy 30.3080, 0.3109, 0.2571 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, 133, 187) }
```

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

```
.border{ border-color:rgb(182, 133, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 187);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3080, 0.3109, 0.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 187) }
```

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

```
.background{ background-color: rgb(182,  
133, 187) }
```

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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