

Converting Colors

Yxy(33.4704, 0.3099, 0.2616)

Have a look what the booklet for
Yxy(33.4704, 0.3099, 0.2616)
contains.

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Color

Yxy(33.4648, 0.3099, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	BB8DC1
RGB	187, 141, 193
RGB Percent	73%, 55%, 76%
CMY	0.2667, 0.4470, 0.2432
CMYK	0.03, 0.27, 0.00, 0.24
HSL	293°, 30%, 65%
HSV	293°, 27%, 76%
XYZ	39.6435, 33.4648, 54.8152
YIQ	160.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

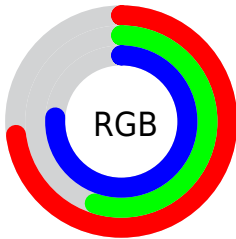
Format	Color
RYB	187, 141, 193
Decimal	12291521
CIELab	64.54, 26.44, -20.25
CIElCh	65, 33.304, 322.557
Yxy	33.4648, 0.3099, 0.2616
Android (android.graphics.Color)	4290481601 (0xFFBB8DC1)
YUV	160.6820, 15.9328, 23.0809
Hunter-Lab	57.8488, 21.0899, -15.6868

Details

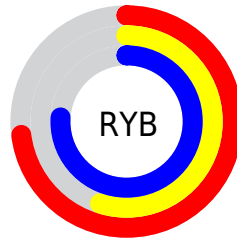
The Yxy color **33.4648, 0.3099, 0.2616** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.2605, 0.3139, 0.4044**, and the grayscale version is **35.4073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1654, 0.3108, 0.2734**, and **14.1630, 0.3082, 0.2427** is the 20% darker color. If you saturate the color by 10%, you get **27.9839, 0.3083, 0.2363**, and if you desaturate by 10%, it is **39.9446, 0.3112, 0.2871**.

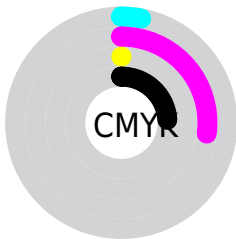
Distribution



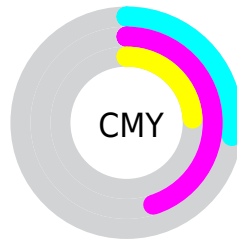
- Red (73%)
- Green (55%)
- Blue (76%)



- Red (73%)
- Yellow (55%)
- Blue (76%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)





- Cyan (27%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4648, 0.3099, 0.2616 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 33.4648, 0.3099, 0.2616 by changing the saturation by 10% instead.


 33.4648, 0.3099,
0.2616


 33.4648, 0.3099,
0.2616


317.7390, 0.3121,
0.2953


 22.4827, 0.3091,
0.2532


 65.1005, 0.3109,
0.2738

 14.2120, 0.3079,
0.2425


 86.5230, 0.3112,
0.2784

 8.2683, 0.3061,
0.2284


 112.1944, 0.3114,
0.2823

 4.2671, 0.3031,
0.2089

142.4991, 0.3116,
0.2856

 1.8241, 0.2973,
0.1806

177.8215, 0.3118,
0.2885

 0.5021, 0.2885,
0.1254

218.5460, 0.3119,


 0.0000, 0.0852,


0.2911


0.0000


265.0570, 0.3120,
0.2933

 0.0000, 0.0000,
0.0000


 33.4648, 0.3099,
0.2616

 33.4648, 0.3099,
0.2616

 27.9839, 0.3083,
0.2363


 39.9446, 0.3112,
0.2871


 23.4461, 0.3063,
0.2122


 47.4666, 0.3122,
0.3122

 19.7968, 0.3040,
0.1903

 56.0770, 0.3129,
0.3362

 16.9738, 0.3015,
0.1715

 65.8179, 0.3134,
0.3588

 14.9072, 0.2987,
0.1567

 76.7290, 0.3137,
0.3798

■ 13.5152, 0.2958,
0.1461

■ 87.6954, 0.3140,
0.3973

■ 12.6867, 0.2929,
0.1398

■ 88.0043, 0.3153,
0.3970

■ 12.4819, 0.2920,
0.1382

■ 88.3176, 0.3167,
0.3968

■ 88.6354, 0.3181,
0.3965

Harmonies

Analogous

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



33.4648, 0.2620, 0.2473



33.4648, 0.3099, 0.2616



33.4648, 0.3627, 0.2905

Triad

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



33.4648, 0.3099, 0.2616



33.4648, 0.3996, 0.4051



33.4648, 0.2293, 0.3187

Complementary

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



33.4648, 0.3099, 0.2616



46.2605, 0.3139, 0.4044

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.



33.4648, 0.2613, 0.3711



33.4648, 0.3099, 0.2616



33.4648, 0.3594, 0.4232

Square

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



33.4648, 0.3099, 0.2616



33.4648, 0.4166, 0.3698



33.4648, 0.3087, 0.4119



33.4648, 0.2186, 0.2754

Rectangle

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



33.4648, 0.3099, 0.2616



33.4648, 0.3921, 0.3154



33.4648, 0.3087, 0.4119



33.4648, 0.2378, 0.3360

Sweetspot

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



33.4662, 0.3099, 0.2616



83.3214, 0.3121, 0.3093



30.4020, 0.2674, 0.2618



17.4172, 0.3119, 0.3055



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.4662, 0.3099, 0.2616



54.2666, 0.3090, 0.2475



33.4067, 0.3355, 0.2869



10.1868, 0.3120, 0.3062



8.3253, 0.2924, 0.1384



0.3767, 0.2991, 0.1421

Inverse Universe

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



32.4935, 0.3634, 0.3211



52.2898, 0.3780, 0.3193



46.3692, 0.2952, 0.3753



10.0963, 0.3271, 0.3264



7.5861, 0.6244, 0.3213



0.3342, 0.5795, 0.2966

Previews

White Background



This preview shows how the Yxy color 33.4648, 0.3099, 0.2616 looks on a white background.

Color Contrast Check

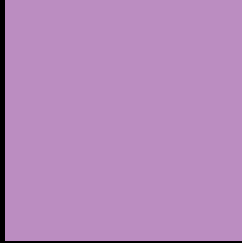
Large Text (above 18pt) WCAG AA × Fail

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 33.4648, 0.3099, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

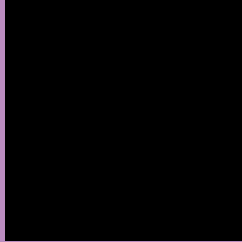
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4648, 0.3099, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 33.4648, 0.3099, 0.2616.



This preview shows how white text looks on a background with the Yxy color 33.4648, 0.3099, 0.2616.

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

33.4648, 0.3099, 0.2616

Protanopia

33.6838, 0.2638, 0.2613

Deuteranopia

33.5126, 0.2818, 0.2752



Tritanopia

33.3157, 0.3374, 0.3124

Trichromacy



Original Color

33.4648, 0.3099, 0.2616

Protanomaly

33.4098, 0.2796, 0.2616

Deuteranomaly

33.5162, 0.2916, 0.2700

Tritanomaly

33.3814, 0.3278, 0.2938

Monochromacy



Original Color

33.4648, 0.3099, 0.2616

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.6744, 0.3110, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4648, 0.3099, 0.2616 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(187, 141, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 141, 193)  
}
```

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(187, 141, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 141, 193) }
```

Border

The CSS property to change the border of an element to Yxy 33.4648, 0.3099, 0.2616 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(187, 141, 193) }
```

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

```
.border{ border-color:rgb(187, 141, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 141, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 141, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 141, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 141,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4648, 0.3099, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 141, 193) }
```

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

```
.background{ background-color: rgb(187,  
141, 193) }
```

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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