

Converting Colors

$Yxy(37.0253, 0.3047, 0.2787)$

Have a look what the booklet for
Yxy(37.0253, 0.3047, 0.2787)
contains.

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Color

Yxy(36.9065, 0.3047, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	B69AC1
RGB	182, 154, 193
RGB Percent	71%, 60%, 76%
CMY	0.2864, 0.3960, 0.2432
CMYK	0.06, 0.20, 0.00, 0.24
HSL	283°, 24%, 68%
HSV	283°, 20%, 76%
XYZ	40.4657, 36.9065, 55.4328
YIQ	166.8180, 4.1690, 18.0650

Conversions

Conversions Part 2

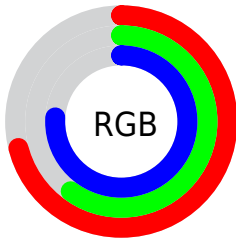
Format	Color
RYB	182, 154, 193
Decimal	11967169
CIELab	67.21, 17.49, -16.24
CIELCh	67, 23.868, 317.131
Yxy	36.9065, 0.3047, 0.2779
Android (android.graphics.Color)	4290157249 (0xFFB69AC1)
YUV	166.8180, 12.9077, 13.3146
Hunter-Lab	60.7507, 12.5840, -11.5744

Details

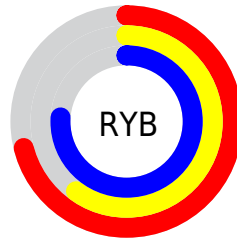
The Yxy color **36.9065, 0.3047, 0.2779** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4689, 0.3191, 0.3826**, and the grayscale version is **38.4842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6802, 0.3060, 0.2872**, and **16.2317, 0.3025, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **30.3897, 0.2996, 0.2510**, and if you desaturate by 10%, it is **44.4765, 0.3090, 0.3039**.

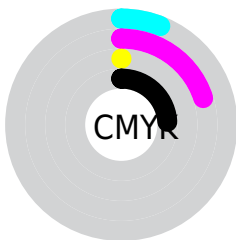
Distribution



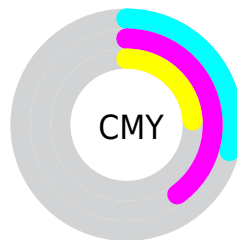
- Red (71%)
- Green (60%)
- Blue (76%)



- Red (71%)
- Yellow (60%)
- Blue (76%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (24%)





- Cyan (29%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9065, 0.3047, 0.2779 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 36.9065, 0.3047, 0.2779 by changing the saturation by 10% instead.


 36.9065, 0.3047,
0.2779


 36.9065, 0.3047,
0.2779


332.9055, 0.3092,
0.3035

 25.1351, 0.3034,
0.2715


 70.4290, 0.3065,
0.2872

 16.1777, 0.3017,
0.2634


 92.9488, 0.3071,
0.2907

 9.6500, 0.2992,
0.2525


119.8203, 0.3076,
0.2936

 5.1675, 0.2954,
0.2374

151.4277, 0.3080,
0.2962

 2.3459, 0.2891,
0.2152

188.1556, 0.3084,
0.2984

 0.7978, 0.2771,
0.1791

230.3883, 0.3087,


 0.0000, 0.1429,


0.3003

0.0000


278.5101, 0.3090,
0.3020


 0.0000, 0.0000,
0.0000

 36.9065, 0.3047,
0.2779


 36.9065, 0.3047,
0.2779

 30.3897, 0.2996,
0.2510

 44.4765, 0.3090,
0.3039


 24.8721, 0.2938,
0.2241


 53.1408, 0.3127,
0.3285

 20.3023, 0.2872,
0.1979

 62.9440, 0.3156,
0.3515

 16.6221, 0.2801,
0.1738

 73.9270, 0.3180,
0.3726

 13.7669, 0.2726,
0.1527

 86.1284, 0.3199,
0.3918

■ 11.6630, 0.2649,
0.1357

■ 89.7707, 0.3230,
0.3955

■ 10.2233, 0.2574,
0.1234

■ 90.6087, 0.3265,
0.3947

■ 9.2905, 0.2502,
0.1152

■ 91.4745, 0.3301,
0.3940

■ 92.3683, 0.3336,
0.3933

Harmonies

Analogous

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



36.9065, 0.2721, 0.2701



36.9065, 0.3047, 0.2779



36.9065, 0.3414, 0.2974

Triad

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



36.9065, 0.3047, 0.2779



36.9065, 0.3772, 0.3797



36.9065, 0.2569, 0.3292

Complementary

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



36.9065, 0.3047, 0.2779



48.4689, 0.3191, 0.3826

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.



36.9065, 0.2827, 0.3637



36.9065, 0.3047, 0.2779



36.9065, 0.3522, 0.3932

Square

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



36.9065, 0.3047, 0.2779



36.9065, 0.3846, 0.3543



36.9065, 0.3174, 0.3880



36.9065, 0.2458, 0.2972

Rectangle

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



36.9065, 0.3047, 0.2779



36.9065, 0.3628, 0.3150



36.9065, 0.3174, 0.3880



36.9065, 0.2641, 0.3411

Sweetspot

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



36.9081, 0.3047, 0.2779



85.7905, 0.3106, 0.3142



37.6525, 0.2804, 0.2899



18.1897, 0.3104, 0.3126



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.



36.9081, 0.3047, 0.2779



61.0049, 0.3027, 0.2667



37.9358, 0.3227, 0.2897



10.0999, 0.3094, 0.3060



6.2224, 0.2511, 0.1157



0.3022, 0.2673, 0.1246

Inverse Universe

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



37.1701, 0.3414, 0.3145



61.5984, 0.3489, 0.3114



47.6295, 0.3041, 0.3717



10.1237, 0.3246, 0.3225



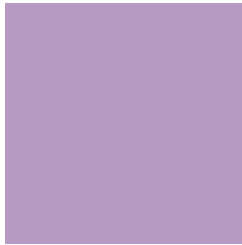
7.7333, 0.5797, 0.2967



0.3463, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 36.9065, 0.3047, 0.2779 looks on a white background.

Color Contrast Check

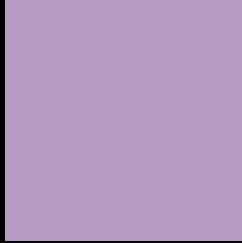
Large Text (above 18pt) WCAG AA × Fail

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 36.9065, 0.3047, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

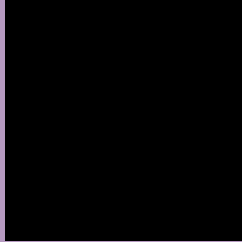
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9065, 0.3047, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 36.9065, 0.3047, 0.2779.



This preview shows how white text looks on a background with the Yxy color 36.9065, 0.3047, 0.2779.

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

36.9065, 0.3047, 0.2779

Protanopia

37.0321, 0.2773, 0.2780

Deuteranopia

37.0544, 0.2911, 0.2853



Tritanopia

36.9397, 0.3222, 0.3126

Trichromacy



Original Color

36.9065, 0.3047, 0.2779

Protanomaly

36.8268, 0.2862, 0.2774

Deuteranomaly

37.0301, 0.2964, 0.2832

Tritanomaly

37.0316, 0.3160, 0.3007

Monochromacy



Original Color

36.9065, 0.3047, 0.2779

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7459, 0.3099, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9065, 0.3047, 0.2779 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, 154, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 154, 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(182, 154, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 154, 193) }
```

Border

The CSS property to change the border of an element to Yxy 36.9065, 0.3047, 0.2779 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, 154, 193) }
```

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

```
.border{ border-color:rgb(182, 154, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 154, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 154, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 154, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 154,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9065, 0.3047, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 154, 193) }
```

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

```
.background{ background-color: rgb(182,  
154, 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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