

Converting Colors

$Yxy(36.3224, 0.3048, 0.2784)$

Have a look what the booklet for
Yxy(36.3224, 0.3048, 0.2784)
contains.

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Color

Yxy(36.2474, 0.3046, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	B499BF
RGB	180, 153, 191
RGB Percent	71%, 60%, 75%
CMY	0.2941, 0.4000, 0.2510
CMYK	0.06, 0.20, 0.00, 0.25
HSL	283°, 23%, 67%
HSV	283°, 20%, 75%
XYZ	39.6159, 36.2474, 54.1955
YIQ	165.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

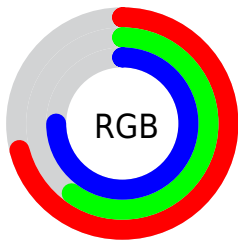
Format	Color
RYB	180, 153, 191
Decimal	11835839
CIELab	66.71, 16.99, -15.90
CIELCh	67, 23.269, 316.897
Yxy	36.2474, 0.3046, 0.2787
Android (android.graphics.Color)	4290025919 (0xFFB499BF)
YUV	165.4050, 12.6183, 12.7998
Hunter-Lab	60.2058, 12.0943, -11.2271

Details

The Yxy color **36.2474, 0.3046, 0.2787** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4532, 0.3192, 0.3816**, and the grayscale version is **37.7688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1739, 0.3066, 0.2878**, and **15.8497, 0.3011, 0.2638** is the 20% darker color. If you saturate the color by 10%, you get **29.8381, 0.2994, 0.2518**, and if you desaturate by 10%, it is **43.6870, 0.3090, 0.3047**.

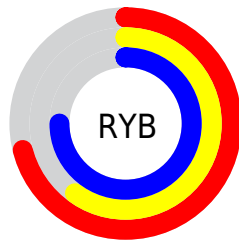
Distribution



Red (71%)

Green (60%)

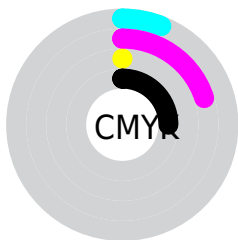
Blue (75%)



Red (71%)

Yellow (60%)

Blue (75%)

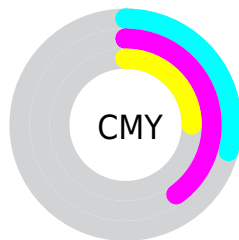


Cyan (6%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (29%)


Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2474, 0.3046, 0.2787 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 36.2474, 0.3046, 0.2787 by changing the saturation by 10% instead.


 36.2474, 0.3046,
0.2787


 36.2474, 0.3046,
0.2787


330.0406, 0.3092,
0.3040

 24.6253, 0.3033,
0.2724


 69.4138, 0.3064,
0.2879

 15.7981, 0.3015,
0.2642


 91.7268, 0.3070,
0.2914

 9.3814, 0.2990,
0.2534


118.3723, 0.3075,
0.2943

 4.9908, 0.2952,
0.2383

149.7347, 0.3080,
0.2968

 2.2419, 0.2887,
0.2159

186.1983, 0.3083,
0.2989

 0.7427, 0.2766,
0.1783

228.1476, 0.3086,

 0.0000, 0.0873,

0.3008

0.0000

275.9669, 0.3089,
0.3025

0.0000, 0.0000,
0.0000

36.2474, 0.3046,
0.2787

36.2474, 0.3046,
0.2787

29.8381, 0.2994,
0.2518

43.6870, 0.3090,
0.3047

24.4067, 0.2934,
0.2248

52.1969, 0.3128,
0.3293

19.9031, 0.2867,
0.1985

61.8206, 0.3158,
0.3521

16.2706, 0.2794,
0.1742

72.5979, 0.3183,
0.3731

13.4465, 0.2717,
0.1528

84.5665, 0.3203,
0.3923

■ 11.3593, 0.2639,
0.1356

■ 89.4546, 0.3232,
0.3979

■ 9.9247, 0.2561,
0.1230

■ 90.2968, 0.3267,
0.3971

■ 8.9790, 0.2487,
0.1144

■ 91.1676, 0.3303,
0.3963

■ 8.9693, 0.2486,
0.1143

■ 92.0670, 0.3339,
0.3956

Harmonies

Analogous

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



36.2474, 0.2727, 0.2711



36.2474, 0.3046, 0.2787



36.2474, 0.3406, 0.2978

Triad

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



36.2474, 0.3046, 0.2787



36.2474, 0.3761, 0.3786



36.2474, 0.2581, 0.3295

Complementary

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



36.2474, 0.3046, 0.2787



47.4532, 0.3192, 0.3816

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.



36.2474, 0.2835, 0.3633



36.2474, 0.3046, 0.2787



36.2474, 0.3517, 0.3919

Square

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



36.2474, 0.3046, 0.2787



36.2474, 0.3832, 0.3537



36.2474, 0.3176, 0.3869



36.2474, 0.2471, 0.2981

Rectangle

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



36.2474, 0.3046, 0.2787



36.2474, 0.3616, 0.3151



36.2474, 0.3176, 0.3869



36.2474, 0.2652, 0.3411

Sweetspot

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



36.2489, 0.3046, 0.2787



83.8012, 0.3105, 0.3142



37.2301, 0.2810, 0.2915



18.1852, 0.3103, 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.



36.2489, 0.3046, 0.2787



59.5467, 0.3024, 0.2667



37.2962, 0.3220, 0.2896



9.5537, 0.3093, 0.3061



5.9375, 0.2496, 0.1148



0.2644, 0.2673, 0.1246

Inverse Universe

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



36.5414, 0.3406, 0.3144



60.2147, 0.3486, 0.3109



46.5920, 0.3047, 0.3719



9.5806, 0.3244, 0.3224



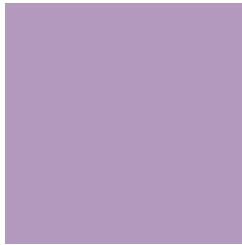
7.4748, 0.5770, 0.2952



0.3046, 0.5065, 0.2564

Previews

White Background



This preview shows how the Yxy color 36.2474, 0.3046, 0.2787 looks on a white background.

Color Contrast Check

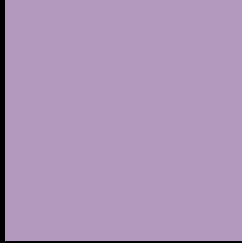
Large Text (above 18pt) WCAG AA × Fail

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 36.2474, 0.3046, 0.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

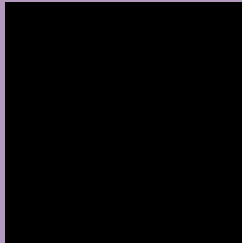
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2474, 0.3046, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 36.2474, 0.3046, 0.2787.



This preview shows how white text looks on a background with the Yxy color 36.2474, 0.3046, 0.2787.

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

36.2474, 0.3046, 0.2787

Protanopia

36.4438, 0.2786, 0.2803

Deuteranopia

36.5133, 0.2918, 0.2863



Tritanopia

36.3256, 0.3213, 0.3125

Trichromacy



Original Color

36.2474, 0.3046, 0.2787

Protanomaly

36.2413, 0.2876, 0.2797

Deuteranomaly

36.3777, 0.2962, 0.2841

Tritanomaly

36.4162, 0.3150, 0.3004

Monochromacy



Original Color

36.2474, 0.3046, 0.2787

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0918, 0.3098, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2474, 0.3046, 0.2787 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(180, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(180, 153, 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(180, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 153, 191) }
```

Border

The CSS property to change the border of an element to Yxy 36.2474, 0.3046, 0.2787 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(180, 153, 191) }
```

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

```
.border{ border-color:rgb(180, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(180, 153,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2474, 0.3046, 0.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 153, 191) }
```

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

```
.background{ background-color: rgb(180,  
153, 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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