

Converting Colors

Yxy(36.2658, 0.3145, 0.2873)

Have a look what the booklet for
Yxy(36.2658, 0.3145, 0.2873)
contains.

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Color

Yxy(36.4335, 0.3146, 0.2880)

Conversions

Conversions Part 1

Format	Color
Hex	B899B8
RGB	184, 153, 184
RGB Percent	72%, 60%, 72%
CMY	0.2787, 0.3999, 0.2785
CMYK	0.00, 0.17, 0.00, 0.28
HSL	300°, 18%, 66%
HSV	300°, 17%, 72%
XYZ	39.7985, 36.4335, 50.2732
YIQ	165.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

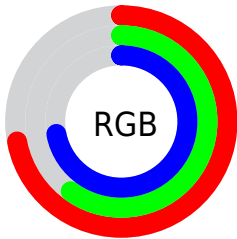
Format	Color
RYB	184, 153, 184
Decimal	12097976
CIELab	66.85, 16.95, -11.74
CIELCh	67, 20.619, 325.306
Yxy	36.4335, 0.3146, 0.2880
Android (android.graphics.Color)	4290288056 (0xFFB899B8)
YUV	165.8030, 8.9711, 15.9588
Hunter-Lab	60.3602, 12.0639, -7.1297

Details

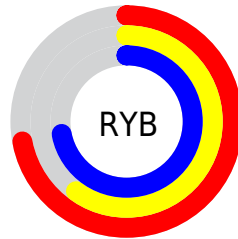
The Yxy color **36.4335, 0.3146, 0.2880** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.3544, 0.3107, 0.3737**, and the grayscale version is **37.9843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4422, 0.3143, 0.2950**, and **15.9667, 0.3152, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **30.8652, 0.3157, 0.2633**, and if you desaturate by 10%, it is **42.9336, 0.3135, 0.3126**.

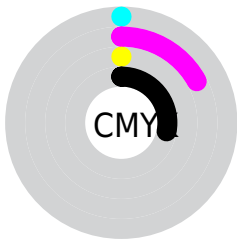
Distribution



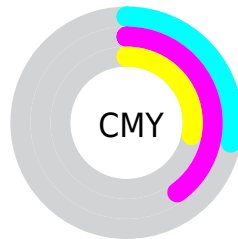
- Red (72%)
- Green (60%)
- Blue (72%)



- Red (72%)
- Yellow (60%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4335, 0.3146, 0.2880 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 36.4335, 0.3146, 0.2880 by changing the saturation by 10% instead.


 36.4335, 0.3146,
0.2880


 36.4335, 0.3146,
0.2880


330.8513, 0.3139,
0.3087

 24.7692, 0.3147,
0.2828


 69.7006, 0.3144,
0.2956

 15.9052, 0.3148,
0.2760


 92.0723, 0.3143,
0.2984

 9.4571, 0.3148,
0.2670

118.7817, 0.3142,
0.3008

 5.0405, 0.3146,
0.2544

150.2135, 0.3141,
0.3028

 2.2710, 0.3140,
0.2353

186.7520, 0.3141,
0.3046

 0.7583, 0.3122,
0.2023

228.7815, 0.3140,


 0.0000, 0.1575,


0.3061

0.0000

276.6865, 0.3139,
0.3075


 0.0000, 0.0000,
0.0000

 36.4335, 0.3146,
0.2880


 36.4335, 0.3146,
0.2880


 30.8652, 0.3157,
0.2633


 42.9336, 0.3135,
0.3126


 26.1816, 0.3168,
0.2393


 50.4006, 0.3124,
0.3365


 22.3385, 0.3178,
0.2169

 58.8732, 0.3113,
0.3592

 19.2863, 0.3187,
0.1970

 68.3870, 0.3103,
0.3804

 16.9698, 0.3195,
0.1804

 78.9755, 0.3094,
0.4000

■ 15.3270, 0.3200,
0.1679

■ 85.1814, 0.3090,
0.4100

■ 14.2856, 0.3204,
0.1595

■ 85.1844, 0.3090,
0.4100

■ 13.7463, 0.3206,
0.1550

■ 85.1874, 0.3090,
0.4100

■ 13.6185, 0.3206,
0.1540

■ 85.1904, 0.3090,
0.4100

Harmonies

Analogous

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



36.4335, 0.2844, 0.2781



36.4335, 0.3146, 0.2880



36.4335, 0.3457, 0.3075

Triad

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



36.4335, 0.3146, 0.2880



36.4335, 0.3642, 0.3777



36.4335, 0.2600, 0.3213

Complementary

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



36.4335, 0.3146, 0.2880



43.3544, 0.3107, 0.3737

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.



36.4335, 0.2795, 0.3513



36.4335, 0.3146, 0.2880



36.4335, 0.3395, 0.3850

Square

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



36.4335, 0.3146, 0.2880



36.4335, 0.3750, 0.3581



36.4335, 0.3084, 0.3755



36.4335, 0.2541, 0.2955

Rectangle

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



36.4335, 0.3146, 0.2880



36.4335, 0.3622, 0.3239



36.4335, 0.3084, 0.3755



36.4335, 0.2652, 0.3313

Sweetspot

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



36.4351, 0.3146, 0.2880



80.0736, 0.3133, 0.3168



33.1960, 0.2857, 0.2850



17.0684, 0.3134, 0.3151



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



36.4351, 0.3146, 0.2880



62.3292, 0.3150, 0.2793



35.8455, 0.3286, 0.3074



9.1621, 0.3138, 0.3065



9.3878, 0.3206, 0.1540



0.3311, 0.3207, 0.1540

Inverse Universe

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



35.2823, 0.3443, 0.3290



59.8647, 0.3525, 0.3291



43.8764, 0.2993, 0.3517



9.0124, 0.3288, 0.3290



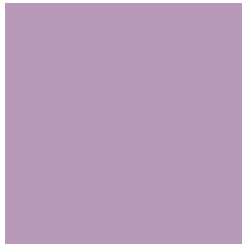
7.0236, 0.6399, 0.3299



0.2477, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 36.4335, 0.3146, 0.2880 looks on a white background.

Color Contrast Check

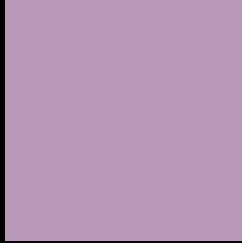
Large Text (above 18pt) WCAG AA × Fail

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 36.4335, 0.3146, 0.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

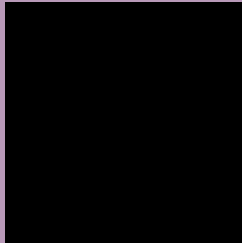
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4335, 0.3146, 0.2880

Background



This preview shows how black text looks on a background with the Yxy color 36.4335, 0.3146, 0.2880.



This preview shows how white text looks on a background with the Yxy color 36.4335, 0.3146, 0.2880.

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

36.4335, 0.3146, 0.2880

Protanopia

36.4330, 0.2865, 0.2897

Deuteranopia

36.6502, 0.3012, 0.2959



Tritanopia

36.5492, 0.3272, 0.3127

Trichromacy



Original Color

36.4335, 0.3146, 0.2880

Protanomaly

36.2571, 0.2960, 0.2890

Deuteranomaly

36.5315, 0.3059, 0.2936

Tritanomaly

36.5660, 0.3227, 0.3034

Monochromacy



Original Color

36.4335, 0.3146, 0.2880

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3911, 0.3135, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4335, 0.3146, 0.2880 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(184, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 184)  
}
```

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(184, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 184) }
```

Border

The CSS property to change the border of an element to Yxy 36.4335, 0.3146, 0.2880 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(184, 153, 184) }
```

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

```
.border{ border-color:rgb(184, 153, 184) }
```

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

Here you see how a box with a 4 pixel rgb(184, 153, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4335, 0.3146, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 153, 184) }
```

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

```
.background{ background-color: rgb(184,  
153, 184) }
```

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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