

Converting Colors

$Y_{xy}(36.2597, 0.3220, 0.2894)$

Have a look what the booklet for
Yxy(36.2597, 0.3220, 0.2894)
contains.

Yxy(36.2882, 0.3224, 0.2897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.2882, 0.3224, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	BD97B5
RGB	189, 151, 181
RGB Percent	74%, 59%, 71%
CMY	0.2590, 0.4078, 0.2902
CMYK	0.00, 0.20, 0.04, 0.26
HSL	313°, 22%, 67%
HSV	313°, 20%, 74%
XYZ	40.3842, 36.2882, 48.5889
YIQ	165.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

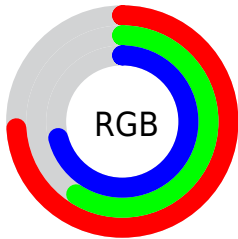
Format	Color
RYB	189, 151, 181
Decimal	12425141
CIELab	66.74, 19.25, -10.18
CIELCh	67, 21.780, 332.133
Yxy	36.2882, 0.3224, 0.2897
Android (android.graphics.Color)	4290615221 (0xFFBD97B5)
YUV	165.7820, 7.5025, 20.3622
Hunter-Lab	60.2397, 14.2456, -5.6551

Details

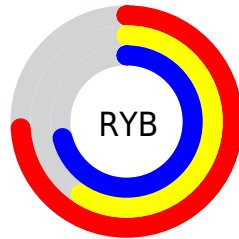
The Yxy color **36.2882, 0.3224, 0.2897** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.4596, 0.3043, 0.3718**, and the grayscale version is **37.9801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3699, 0.3210, 0.2964**, and **15.8238, 0.3249, 0.2787** is the 20% darker color. If you saturate the color by 10%, you get **30.5258, 0.3283, 0.2695**, and if you desaturate by 10%, it is **43.0332, 0.3172, 0.3096**.

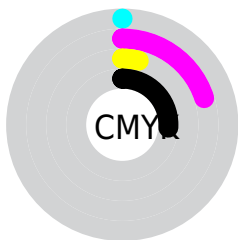
Distribution



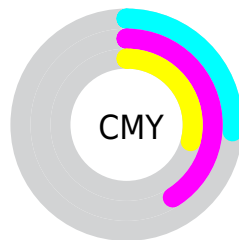
- Red (74%)
- Green (59%)
- Blue (71%)



- Red (74%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (26%)





- Cyan (26%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2882, 0.3224, 0.2897 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 36.2882, 0.3224, 0.2897 by changing the saturation by 10% instead.


 36.2882, 0.3224,
0.2897


 36.2882, 0.3224,
0.2897


330.2185, 0.3176,
0.3096

 24.6569, 0.3236,
0.2847

 69.4767, 0.3207,
0.2970

 15.8216, 0.3250,
0.2782


 91.8026, 0.3200,
0.2997

 9.3980, 0.3270,
0.2695


118.4621, 0.3195,
0.3020

 5.0017, 0.3296,
0.2573

149.8397, 0.3190,
0.3039

 2.2482, 0.3333,
0.2389

186.3198, 0.3186,
0.3056

 0.7461, 0.3395,
0.2066

228.2866, 0.3182,

 0.0000, 0.2849,

0.3071

0.0000

276.1247, 0.3179,
0.3084

0.0000, 0.0000,
0.0000

36.2882, 0.3224,
0.2897

36.2882, 0.3224,
0.2897

30.5258, 0.3283,
0.2695

43.0332, 0.3172,
0.3096

25.6949, 0.3350,
0.2498

50.7993, 0.3127,
0.3289

21.7469, 0.3423,
0.2313

59.6287, 0.3089,
0.3471

18.6269, 0.3501,
0.2151

69.5600, 0.3057,
0.3641

16.2738, 0.3583,
0.2020

80.6297, 0.3029,
0.3799

■ 14.6184, 0.3666,
0.1930

■ 86.7303, 0.3007,
0.3850

■ 13.5784, 0.3747,
0.1886

■ 86.9240, 0.2986,
0.3804

■ 12.9927, 0.3824,
0.1880

■ 87.1225, 0.2964,
0.3759

■ 87.3260, 0.2943,
0.3713

Harmonies

Analogous

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



36.2882, 0.2894, 0.2767



36.2882, 0.3224, 0.2897



36.2882, 0.3542, 0.3119

Triad

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



36.2882, 0.3224, 0.2897



36.2882, 0.3622, 0.3836



36.2882, 0.2543, 0.3138

Complementary

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



36.2882, 0.3224, 0.2897



45.4596, 0.3043, 0.3718

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.



36.2882, 0.2719, 0.3455



36.2882, 0.3224, 0.2897



36.2882, 0.3337, 0.3877

Square

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



36.2882, 0.3224, 0.2897



36.2882, 0.3776, 0.3651



36.2882, 0.3006, 0.3736



36.2882, 0.2516, 0.2887

Rectangle

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



36.2882, 0.3224, 0.2897



36.2882, 0.3697, 0.3297



36.2882, 0.3006, 0.3736



36.2882, 0.2586, 0.3241

Sweetspot

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



36.2898, 0.3224, 0.2897



82.4264, 0.3154, 0.3174



33.1441, 0.2865, 0.2755



17.5343, 0.3157, 0.3161



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.



36.2898, 0.3224, 0.2897



60.3676, 0.3249, 0.2810



35.5768, 0.3405, 0.3138



9.6611, 0.3169, 0.3111



8.7580, 0.3815, 0.1875



0.3518, 0.3644, 0.1781

Inverse Universe

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



36.2898, 0.3224, 0.2897



60.3676, 0.3249, 0.2810



46.1544, 0.2910, 0.3448



9.6611, 0.3169, 0.3111



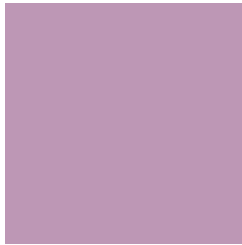
8.7580, 0.3815, 0.1875



0.3518, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 36.2882, 0.3224, 0.2897 looks on a white background.

Color Contrast Check

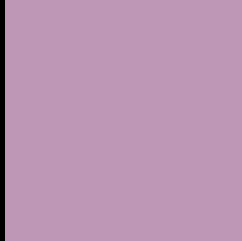
Large Text (above 18pt) WCAG AA × Fail

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 36.2882, 0.3224, 0.2897 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 36.2882, 0.3224, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 36.2882, 0.3224, 0.2897.



This preview shows how white text looks on a background with the Yxy color 36.2882, 0.3224, 0.2897.

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

36.2882, 0.3224, 0.2897

Protanopia

36.3897, 0.2873, 0.2911

Deuteranopia

36.2951, 0.3047, 0.2986



Tritanopia

36.4292, 0.3344, 0.3129

Trichromacy



Original Color

36.2882, 0.3224, 0.2897

Protanomaly

36.0517, 0.2995, 0.2904

Deuteranomaly

36.0851, 0.3114, 0.2950

Tritanomaly

36.4141, 0.3307, 0.3051

Monochromacy



Original Color

36.2882, 0.3224, 0.2897

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4287, 0.3162, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2882, 0.3224, 0.2897 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(189, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 151, 181)  
}
```

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(189, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 151, 181) }
```

Border

The CSS property to change the border of an element to Yxy 36.2882, 0.3224, 0.2897 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(189, 151, 181) }
```

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

```
.border{ border-color:rgb(189, 151, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 151, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 151,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2882, 0.3224, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 151, 181) }
```

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

```
.background{ background-color: rgb(189,  
151, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor