

Converting Colors

$Y_{xy}(36.2907, 0.3179, 0.2932)$

Have a look what the booklet for
Yxy(36.2907, 0.3179, 0.2932)
contains.

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Color

Yxy(36.2681, 0.3183, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	B899B4
RGB	184, 153, 180
RGB Percent	72%, 60%, 71%
CMY	0.2784, 0.4000, 0.2940
CMYK	0.00, 0.17, 0.02, 0.28
HSL	308°, 18%, 66%
HSV	308°, 17%, 72%
XYZ	39.3998, 36.2681, 48.1140
YIQ	165.3470, 9.8090, 14.9690

Conversions

Conversions Part 2

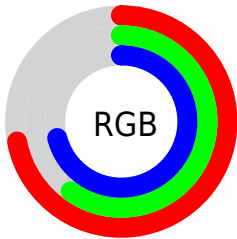
Format	Color
RYB	184, 153, 180
Decimal	12097972
CIELab	66.72, 16.24, -9.71
CIELCh	67, 18.921, 329.133
Yxy	36.2681, 0.3183, 0.2930
Android (android.graphics.Color)	4290288052 (0xFFB899B4)
YUV	165.3470, 7.2239, 16.3587
Hunter-Lab	60.2230, 11.3901, -5.2125

Details

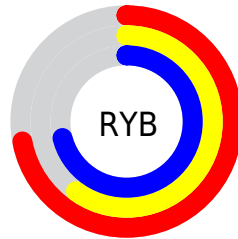
The Yxy color **36.2681, 0.3183, 0.2930** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.4913, 0.3076, 0.3679**, and the grayscale version is **37.7648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2070, 0.3171, 0.2990**, and **15.8603, 0.3204, 0.2832** is the 20% darker color. If you saturate the color by 10%, you get **30.6078, 0.3222, 0.2711**, and if you desaturate by 10%, it is **42.8620, 0.3148, 0.3146**.

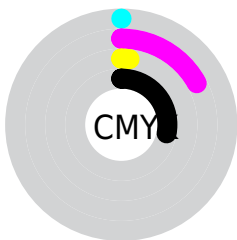
Distribution



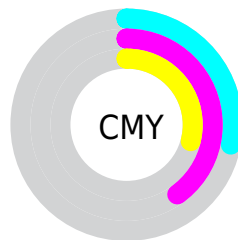
- Red (72%)
- Green (60%)
- Blue (71%)



- Red (72%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2681, 0.3183, 0.2930 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 36.2681, 0.3183, 0.2930 by changing the saturation by 10% instead.


 36.2681, 0.3183,
0.2930


 36.2681, 0.3183,
0.2930


330.1308, 0.3156,
0.3112

 24.6413, 0.3189,
0.2884


 69.4457, 0.3174,
0.2997

 15.8100, 0.3197,
0.2824


 91.7653, 0.3170,
0.3022

 9.3898, 0.3207,
0.2743


118.4179, 0.3167,
0.3043

 4.9963, 0.3220,
0.2629

149.7880, 0.3164,
0.3061

 2.2451, 0.3238,
0.2456

186.2600, 0.3162,
0.3076

 0.7444, 0.3266,
0.2147

228.2181, 0.3160,

 0.0000, 0.1543,

0.3090

0.0000

276.0470, 0.3158,
0.3102

0.0000, 0.0000,
0.0000

36.2681, 0.3183,
0.2930

36.2681, 0.3183,
0.2930

30.6078, 0.3222,
0.2711

42.8620, 0.3148,
0.3146

25.8341, 0.3265,
0.2495

50.4246, 0.3118,
0.3354

21.9027, 0.3311,
0.2291

58.9948, 0.3092,
0.3551

18.7638, 0.3359,
0.2108

68.6081, 0.3069,
0.3735

16.3623, 0.3409,
0.1955

79.2981, 0.3050,
0.3905

■ 14.6362, 0.3458,
0.1841

■ 85.6168, 0.3035,
0.3979

■ 13.5132, 0.3505,
0.1771

■ 85.7242, 0.3022,
0.3951

■ 12.8933, 0.3549,
0.1742

■ 85.8333, 0.3009,
0.3923

■ 12.7414, 0.3563,
0.1736

■ 85.9441, 0.2997,
0.3896

Harmonies

Analogous

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



36.2681, 0.2899, 0.2826



36.2681, 0.3183, 0.2930



36.2681, 0.3463, 0.3120

Triad

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



36.2681, 0.3183, 0.2930



36.2681, 0.3577, 0.3755



36.2681, 0.2627, 0.3187

Complementary

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



36.2681, 0.3183, 0.2930



43.4913, 0.3076, 0.3679

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.



36.2681, 0.2793, 0.3461



36.2681, 0.3183, 0.2930



36.2681, 0.3340, 0.3801

Square

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



36.2681, 0.3183, 0.2930



36.2681, 0.3695, 0.3587



36.2681, 0.3052, 0.3693



36.2681, 0.2589, 0.2959

Rectangle

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



36.2681, 0.3183, 0.2930



36.2681, 0.3605, 0.3275



36.2681, 0.3052, 0.3693



36.2681, 0.2669, 0.3277

Sweetspot

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



36.2697, 0.3183, 0.2930



79.9853, 0.3143, 0.3184



33.3727, 0.2889, 0.2846



17.0468, 0.3145, 0.3169



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.



36.2697, 0.3183, 0.2930



61.9804, 0.3196, 0.2854



35.6861, 0.3326, 0.3129



9.1423, 0.3157, 0.3093



8.7875, 0.3558, 0.1734



0.3154, 0.3456, 0.1677

Inverse Universe

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



36.2697, 0.3183, 0.2930



61.9804, 0.3196, 0.2854



44.0406, 0.2963, 0.3457



9.1423, 0.3157, 0.3093



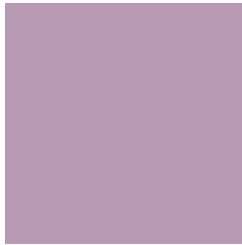
8.7875, 0.3558, 0.1734



0.3154, 0.3456, 0.1677

Previews

White Background



This preview shows how the Yxy color 36.2681, 0.3183, 0.2930 looks on a white background.

Color Contrast Check

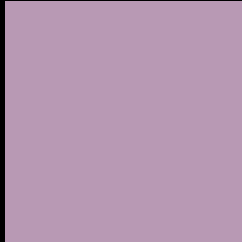
Large Text (above 18pt) WCAG AA × Fail

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 36.2681, 0.3183, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

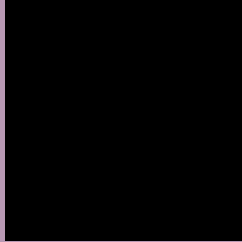
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2681, 0.3183, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 36.2681, 0.3183, 0.2930.



This preview shows how white text looks on a background with the Yxy color 36.2681, 0.3183, 0.2930.

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

36.2681, 0.3183, 0.2930

Protanopia

36.3634, 0.2906, 0.2952

Deuteranopia

36.3663, 0.3065, 0.3000



Tritanopia

36.1778, 0.3283, 0.3127

Trichromacy



Original Color

36.2681, 0.3183, 0.2930

Protanomaly

36.1974, 0.3003, 0.2944

Deuteranomaly

36.2617, 0.3113, 0.2976

Tritanomaly

36.1570, 0.3247, 0.3047

Monochromacy



Original Color

36.2681, 0.3183, 0.2930

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1627, 0.3152, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2681, 0.3183, 0.2930 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 180) }
```

Border

The CSS property to change the border of an element to Yxy 36.2681, 0.3183, 0.2930 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, 180) }
```

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

```
.border{ border-color:rgb(184, 153, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2681, 0.3183, 0.2930 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, 180) }
```

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

```
.background{ background-color: rgb(184,  
153, 180) }
```

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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