

Converting Colors

$Y_{xy}(36.2039, 0.3146, 0.2881)$

Have a look what the booklet for
Yxy(36.2039, 0.3146, 0.2881)
contains.

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Color

Yxy(36.2686, 0.3146, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	B799B7
RGB	183, 153, 183
RGB Percent	72%, 60%, 72%
CMY	0.2823, 0.4000, 0.2824
CMYK	0.00, 0.16, 0.00, 0.28
HSL	300°, 17%, 66%
HSV	300°, 16%, 72%
XYZ	39.4677, 36.2686, 49.7172
YIQ	165.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

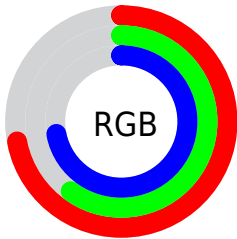
Format	Color
RYB	183, 153, 183
Decimal	12032439
CIELab	66.72, 16.45, -11.38
CIElCh	67, 20.005, 325.329
Yxy	36.2686, 0.3146, 0.2891
Android (android.graphics.Color)	4290222519 (0xFFB799B7)
YUV	165.3900, 8.6817, 15.4440
Hunter-Lab	60.2234, 11.5897, -6.7902

Details

The Yxy color **36.2686, 0.3146, 0.2891** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.9432, 0.3107, 0.3724**, and the grayscale version is **37.7794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2084, 0.3143, 0.2960**, and **15.8603, 0.3151, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **30.7314, 0.3158, 0.2644**, and if you desaturate by 10%, it is **42.7277, 0.3134, 0.3137**.

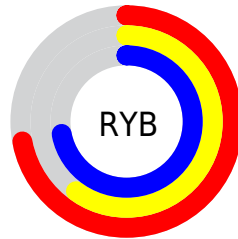
Distribution



Red (72%)

Green (60%)

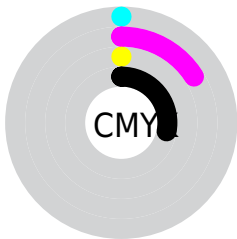
Blue (72%)



Red (72%)

Yellow (60%)

Blue (72%)

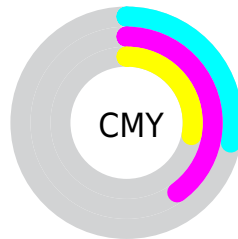


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2686, 0.3146, 0.2891 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 36.2686, 0.3146, 0.2891 by changing the saturation by 10% instead.


 36.2686, 0.3146,
0.2891


 36.2686, 0.3146,
0.2891


330.1330, 0.3139,
0.3093

 24.6417, 0.3147,
0.2840


 69.4464, 0.3144,
0.2965

 15.8103, 0.3148,
0.2774


 91.7662, 0.3143,
0.2992

 9.3900, 0.3148,
0.2686


118.4190, 0.3142,
0.3016

 4.9964, 0.3147,
0.2561

149.7893, 0.3141,
0.3036

 2.2452, 0.3141,
0.2374

186.2614, 0.3141,
0.3053

 0.7445, 0.3126,
0.2044

228.2199, 0.3140,


 0.0000, 0.1245,


0.3068


0.0000

276.0489, 0.3139,
0.3081


 0.0000, 0.0000,
0.0000


 36.2686, 0.3146,
0.2891


 36.2686, 0.3146,
0.2891


 30.7314, 0.3158,
0.2644


 42.7277, 0.3134,
0.3137

 26.0697, 0.3169,
0.2404

 50.1431, 0.3123,
0.3375

 22.2401, 0.3180,
0.2179

 58.5532, 0.3112,
0.3601

 19.1937, 0.3189,
0.1979

 67.9928, 0.3103,
0.3812

 16.8763, 0.3197,
0.1813

 78.4950, 0.3093,
0.4008

■ 15.2272, 0.3203,
0.1685

■ 85.0089, 0.3088,
0.4112

■ 14.1756, 0.3207,
0.1600

■ 85.0092, 0.3088,
0.4112

■ 13.6276, 0.3210,
0.1554

■ 85.0095, 0.3088,
0.4112

■ 13.4844, 0.3210,
0.1542

■ 85.0098, 0.3088,
0.4112

Harmonies

Analogous

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



36.2686, 0.2852, 0.2795



36.2686, 0.3146, 0.2891



36.2686, 0.3448, 0.3081

Triad

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



36.2686, 0.3146, 0.2891



36.2686, 0.3627, 0.3764



36.2686, 0.2614, 0.3216

Complementary

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



36.2686, 0.3146, 0.2891



42.9432, 0.3107, 0.3724

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.



36.2686, 0.2805, 0.3507



36.2686, 0.3146, 0.2891



36.2686, 0.3387, 0.3833

Square

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



36.2686, 0.3146, 0.2891



36.2686, 0.3732, 0.3574



36.2686, 0.3086, 0.3741



36.2686, 0.2557, 0.2965

Rectangle

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



36.2686, 0.3146, 0.2891



36.2686, 0.3608, 0.3241



36.2686, 0.3086, 0.3741



36.2686, 0.2665, 0.3312

Sweetspot

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



36.2702, 0.3146, 0.2891



78.1620, 0.3133, 0.3168



32.9749, 0.2864, 0.2856



17.0690, 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.



36.2702, 0.3146, 0.2891



60.8581, 0.3151, 0.2794



35.6788, 0.3286, 0.3086



9.1627, 0.3138, 0.3065



9.4060, 0.3210, 0.1542



0.3316, 0.3210, 0.1542

Inverse Universe

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



36.2702, 0.3146, 0.2891



60.8581, 0.3151, 0.2794



43.4702, 0.2993, 0.3503



9.1627, 0.3138, 0.3065



9.4060, 0.3210, 0.1542



0.3316, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 36.2686, 0.3146, 0.2891 looks on a white background.

Color Contrast Check

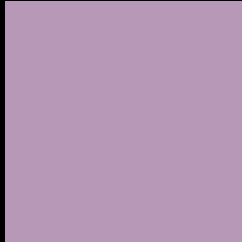
Large Text (above 18pt) WCAG AA × Fail

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 36.2686, 0.3146, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

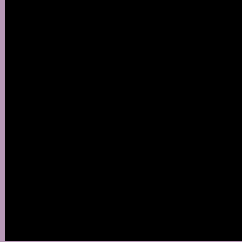
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2686, 0.3146, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 36.2686, 0.3146, 0.2891.



This preview shows how white text looks on a background with the Yxy color 36.2686, 0.3146, 0.2891.

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

36.2686, 0.3146, 0.2891

Protanopia

36.3897, 0.2873, 0.2911

Deuteranopia

36.2661, 0.3021, 0.2958



Tritanopia

36.4278, 0.3262, 0.3126

Trichromacy



Original Color

36.2686, 0.3146, 0.2891

Protanomaly

36.2144, 0.2968, 0.2903

Deuteranomaly

36.1530, 0.3068, 0.2935

Tritanomaly

36.4049, 0.3227, 0.3047

Monochromacy



Original Color

36.2686, 0.3146, 0.2891

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2390, 0.3134, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2686, 0.3146, 0.2891 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(183, 153, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 153, 183)  
}
```

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(183, 153, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 153, 183) }
```

Border

The CSS property to change the border of an element to Yxy 36.2686, 0.3146, 0.2891 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(183, 153, 183) }
```

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

```
.border{ border-color:rgb(183, 153, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 153, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 153, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 153, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 153,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2686, 0.3146, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 153, 183) }
```

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

```
.background{ background-color: rgb(183,  
153, 183) }
```

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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