

Converting Colors

Yxy(36.2043, 0.3047, 0.2765)

Have a look what the booklet for
Yxy(36.2043, 0.3047, 0.2765)
contains.

Yxy(36.0860, 0.3047, 0.2763)	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(36.0860, 0.3047, 0.2763)

Conversions

Conversions Part 1

Format	Color
Hex	B598C0
RGB	181, 152, 192
RGB Percent	71%, 60%, 75%
CMY	0.2902, 0.4039, 0.2471
CMYK	0.06, 0.21, 0.00, 0.25
HSL	284°, 24%, 67%
HSV	284°, 21%, 75%
XYZ	39.7952, 36.0860, 54.7233
YIQ	165.2310, 4.4440, 18.5880

Conversions

Conversions Part 2

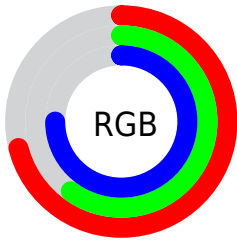
Format	Color
R_{YB}	181, 152, 192
Decimal	11901120
CIE _{Lab}	66.59, 18.08, -16.62
CIE _{LCh}	67, 24.562, 317.404
Yxy	36.0860, 0.3047, 0.2763
Android (android.graphics.Color)	4290091200 (0xFFB598C0)
YUV	165.2310, 13.1971, 13.8294
Hunter-Lab	60.0716, 13.1241, -11.9611

Details

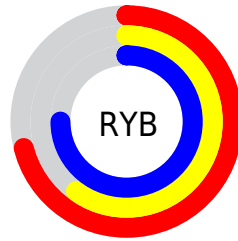
The Yxy color **36.0860, 0.3047, 0.2763** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.7426, 0.3190, 0.3844**, and the grayscale version is **37.6775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9244, 0.3067, 0.2859**, and **15.7315, 0.3024, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **29.7257, 0.2997, 0.2495**, and if you desaturate by 10%, it is **43.4821, 0.3089, 0.3023**.

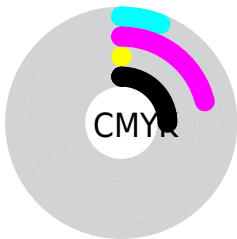
Distribution



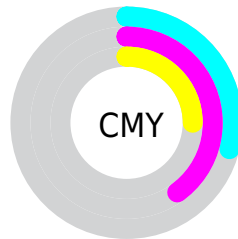
- Red (71%)
- Green (60%)
- Blue (75%)



- Red (71%)
- Yellow (60%)
- Blue (75%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0860, 0.3047, 0.2763 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 36.0860, 0.3047, 0.2763 by changing the saturation by 10% instead.

 36.0860, 0.3047,
0.2763


 36.0860, 0.3047,
0.2763


329.3363, 0.3092,
0.3027

 24.5006, 0.3034,
0.2697


 69.1648, 0.3065,
0.2859

 15.7054, 0.3016,
0.2612


 91.4270, 0.3071,
0.2895

 9.3159, 0.2991,
0.2499


118.0169, 0.3076,
0.2926

 4.9478, 0.2952,
0.2343

149.3190, 0.3081,
0.2952

 2.2167, 0.2886,
0.2111

185.7175, 0.3084,
0.2975

 0.7291, 0.2763,
0.1722

227.5970, 0.3087,

 0.0000, 0.0986,

0.2994

0.0000

275.3418, 0.3090,
0.3012

0.0000, 0.0000,
0.0000

36.0860, 0.3047,
0.2763

36.0860, 0.3047,
0.2763

29.7257, 0.2997,
0.2495

43.4821, 0.3089,
0.3023

24.3480, 0.2940,
0.2226

51.9549, 0.3125,
0.3270

19.9016, 0.2877,
0.1967

61.5487, 0.3154,
0.3501

16.3289, 0.2807,
0.1729

72.3037, 0.3177,
0.3713

13.5655, 0.2734,
0.1522

84.2582, 0.3196,
0.3907

■ 11.5382, 0.2660,
0.1357

■ 89.4186, 0.3223,
0.3969

■ 10.1601, 0.2587,
0.1238

■ 90.2188, 0.3256,
0.3961

■ 9.3124, 0.2521,
0.1163

■ 91.0448, 0.3291,
0.3954

■ 91.8970, 0.3325,
0.3947

Harmonies

Analogous

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



36.0860, 0.2709, 0.2681



36.0860, 0.3047, 0.2763



36.0860, 0.3427, 0.2966

Triad

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



36.0860, 0.3047, 0.2763



36.0860, 0.3794, 0.3816



36.0860, 0.2548, 0.3288

Complementary

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



36.0860, 0.3047, 0.2763



47.7426, 0.3190, 0.3844

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.



36.0860, 0.2813, 0.3647



36.0860, 0.3047, 0.2763



36.0860, 0.3532, 0.3956

Square

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



36.0860, 0.3047, 0.2763



36.0860, 0.3873, 0.3553



36.0860, 0.3171, 0.3902



36.0860, 0.2435, 0.2957

Rectangle

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



36.0860, 0.3047, 0.2763



36.0860, 0.3649, 0.3148



36.0860, 0.3171, 0.3902



36.0860, 0.2621, 0.3411

Sweetspot

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



36.0875, 0.3047, 0.2763



85.8116, 0.3107, 0.3142



36.7944, 0.2794, 0.2886



18.1947, 0.3104, 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.



36.0875, 0.3047, 0.2763



59.8953, 0.3025, 0.2641



37.0955, 0.3231, 0.2885



10.1039, 0.3095, 0.3060



6.3081, 0.2530, 0.1167



0.3053, 0.2688, 0.1254

Inverse Universe

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



36.3075, 0.3428, 0.3145



60.4150, 0.3513, 0.3111



46.9272, 0.3038, 0.3732



10.1224, 0.3247, 0.3227



7.7237, 0.5824, 0.2982



0.3458, 0.5166, 0.2619

Previews

White Background



This preview shows how the Yxy color 36.0860, 0.3047, 0.2763 looks on a white background.

Color Contrast Check

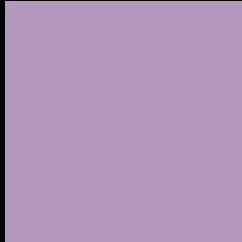
Large Text (above 18pt) WCAG AA × Fail

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 36.0860, 0.3047, 0.2763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

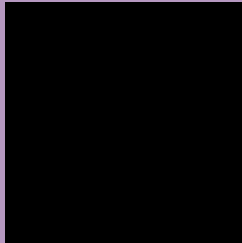
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0860, 0.3047, 0.2763

Background



This preview shows how black text looks on a background with the Yxy color 36.0860, 0.3047, 0.2763.



This preview shows how white text looks on a background with the Yxy color 36.0860, 0.3047, 0.2763.

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

36.0860, 0.3047, 0.2763

Protanopia

36.4370, 0.2763, 0.2776

Deuteranopia

36.1078, 0.2900, 0.2835



Tritanopia

35.9512, 0.3223, 0.3124

Trichromacy



Original Color

36.0860, 0.3047, 0.2763

Protanomaly

36.3318, 0.2861, 0.2771

Deuteranomaly

36.0846, 0.2954, 0.2814

Tritanomaly

36.0820, 0.3151, 0.2991

Monochromacy



Original Color

36.0860, 0.3047, 0.2763

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8947, 0.3099, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0860, 0.3047, 0.2763 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(181, 152, 192)` looks like.

```
.text, #text, p{  
    color:rgb(181, 152, 192)  
}
```

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(181, 152, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 152, 192) }
```

Border

The CSS property to change the border of an element to Yxy 36.0860, 0.3047, 0.2763 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(181, 152, 192) }
```

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

```
.border{ border-color:rgb(181, 152, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 152, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 152, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 152, 192);  
box-shadow:4px 4px 4px 4px rgb(181, 152,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0860, 0.3047, 0.2763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 152, 192) }
```

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

```
.background{ background-color: rgb(181,  
152, 192) }
```

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