

Converting Colors

$Y_{xy}(29.0652, 0.3037, 0.2349)$

Have a look what the booklet for
Yxy(29.0652, 0.3037, 0.2349)
contains.

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Color

Yxy(29.0587, 0.3036, 0.2350)

Conversions

Conversions Part 1

Format	Color
Hex	B97DC6
RGB	185, 125, 198
RGB Percent	73%, 49%, 78%
CMY	0.2743, 0.5099, 0.2235
CMYK	0.07, 0.37, 0.00, 0.22
HSL	289°, 39%, 63%
HSV	289°, 37%, 78%
XYZ	37.5414, 29.0587, 57.0540
YIQ	151.2620, 12.3270, 35.4230

Conversions

Conversions Part 2

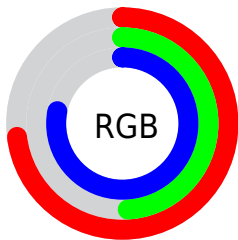
Format	Color
RYB	185, 125, 198
Decimal	12156358
CIELab	60.83, 35.68, -28.77
CIELCh	61, 45.830, 321.118
Yxy	29.0587, 0.3036, 0.2350
Android (android.graphics.Color)	4290346438 (0xFFB97DC6)
YUV	151.2620, 23.0418, 29.5882
Hunter-Lab	53.9061, 29.9755, -25.0180

Details

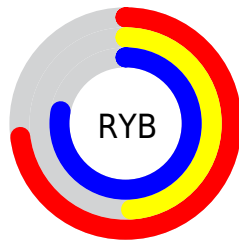
The Yxy color **29.0587, 0.3036, 0.2350** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.2649, 0.3172, 0.4363**, and the grayscale version is **30.9619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3374, 0.3061, 0.2523**, and **11.7365, 0.2989, 0.2083** is the 20% darker color. If you saturate the color by 10%, you get **24.1059, 0.3000, 0.2100**, and if you desaturate by 10%, it is **35.0240, 0.3067, 0.2610**.

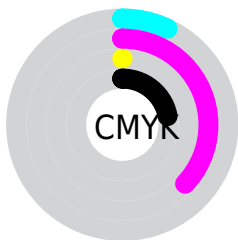
Distribution



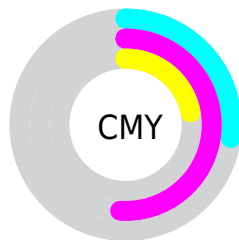
- Red (73%)
- Green (49%)
- Blue (78%)



- Red (73%)
- Yellow (49%)
- Blue (78%)



- Cyan (7%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)




- Cyan (27%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0587, 0.3036, 0.2350 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 29.0587, 0.3036, 0.2350 by changing the saturation by 10% instead.

 29.0587, 0.3036,
0.2350


 29.0587, 0.3036,
0.2350


297.4918, 0.3097,
0.2818


 19.1252, 0.3015,
0.2235


 58.1703, 0.3062,
0.2519

 11.7608, 0.2986,
0.2089


 78.1173, 0.3071,
0.2583

 6.5810, 0.2941,
0.1899


 102.1709, 0.3078,
0.2637

 3.2015, 0.2869,
0.1643

130.7155, 0.3083,
0.2683

 1.2378, 0.2739,
0.1286

164.1354, 0.3088,
0.2724

 0.0923, 0.2617,
0.0250

202.8152, 0.3092,

 0.0000, 0.0000,

0.2759

0.0000

247.1392, 0.3095,
0.2790

■ 29.0587, 0.3036,
0.2350

■ 29.0587, 0.3036,
0.2350

■ 24.1059, 0.3000,
0.2100

■ 35.0240, 0.3067,
0.2610

■ 20.1019, 0.2960,
0.1869

■ 42.0527, 0.3093,
0.2870

■ 16.9820, 0.2916,
0.1668


■ 50.1972, 0.3115,
0.3123

■ 14.6714, 0.2870,
0.1506


■ 59.5048, 0.3132,
0.3364


■ 13.0831, 0.2823,
0.1388

■ 70.0203, 0.3145,
0.3589

 12.1004, 0.2776,
0.1314

 81.7864, 0.3156,
0.3797

 11.8499, 0.2762,
0.1295

 89.2448, 0.3170,
0.3906

 89.7649, 0.3192,
0.3901

 90.2964, 0.3214,
0.3897

Harmonies

Analogous

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



29.0587, 0.2381, 0.2165



29.0587, 0.3036, 0.2350



29.0587, 0.3805, 0.2726

Triad

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



29.0587, 0.3036, 0.2350



29.0587, 0.4359, 0.4304



29.0587, 0.1976, 0.3148

Complementary

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



29.0587, 0.3036, 0.2350



47.2649, 0.3172, 0.4363

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.



29.0587, 0.2412, 0.3945



29.0587, 0.3036, 0.2350



29.0587, 0.3786, 0.4644

Square

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



29.0587, 0.3036, 0.2350



29.0587, 0.4613, 0.3781



29.0587, 0.3073, 0.4550



29.0587, 0.1832, 0.2531

Rectangle

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



29.0587, 0.3036, 0.2350



29.0587, 0.4249, 0.3051



29.0587, 0.3073, 0.4550



29.0587, 0.2090, 0.3407

Sweetspot

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



29.0599, 0.3036, 0.2350



82.4592, 0.3106, 0.3016



26.7191, 0.2490, 0.2394



17.2248, 0.3103, 0.2981



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



29.0599, 0.3036, 0.2350



44.4831, 0.3008, 0.2154



29.7588, 0.3414, 0.2649



10.7178, 0.3110, 0.3060



7.7401, 0.2768, 0.1298



0.3921, 0.2865, 0.1352

Inverse Universe

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



28.5017, 0.3853, 0.3119



43.4787, 0.4087, 0.3084



46.8869, 0.2926, 0.4035



10.6672, 0.3262, 0.3249



7.8961, 0.6113, 0.3141



0.3836, 0.5562, 0.2838

Previews

White Background



This preview shows how the Yxy color 29.0587, 0.3036, 0.2350 looks on a white background.

Color Contrast Check

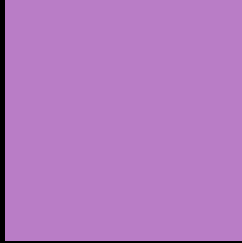
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0587, 0.3036, 0.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

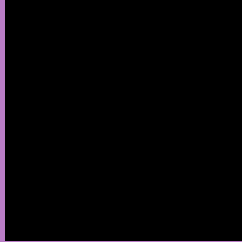
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0587, 0.3036, 0.2350

Background



This preview shows how black text looks on a background with the Yxy color 29.0587, 0.3036, 0.2350.

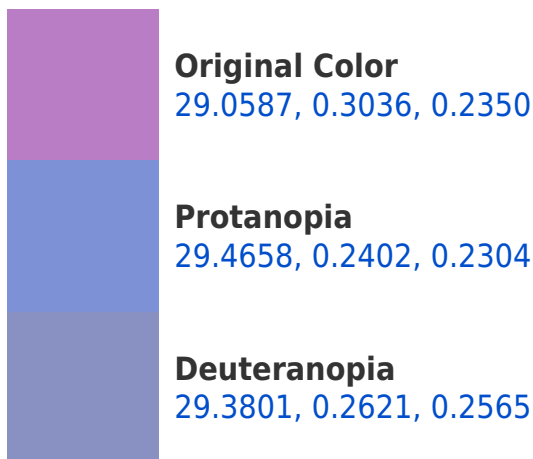


This preview shows how white text looks on a background with the Yxy color 29.0587, 0.3036, 0.2350.

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





Tritanopia

29.1486, 0.3493, 0.3147

Trichromacy



Original Color

29.0587, 0.3036, 0.2350

Protanomaly

28.9341, 0.2601, 0.2315

Deuteranomaly

28.9871, 0.2763, 0.2482

Tritanomaly

29.0429, 0.3325, 0.2832

Monochromacy



Original Color

29.0587, 0.3036, 0.2350

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9597, 0.3093, 0.2910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0587, 0.3036, 0.2350 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(185, 125, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 125, 198)  
}
```

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(185, 125, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 125, 198) }
```

Border

The CSS property to change the border of an element to Yxy 29.0587, 0.3036, 0.2350 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(185, 125, 198) }
```

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

```
.border{ border-color:rgb(185, 125, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 125, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 125, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 125, 198);  
box-shadow:4px 4px 4px 4px rgb(185, 125,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0587, 0.3036, 0.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 125, 198) }
```

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

```
.background{ background-color: rgb(185,  
125, 198) }
```

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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