

Converting Colors

$Y_{xy}(29.2184, 0.3507, 0.2923)$

Have a look what the booklet for
Yxy(29.2184, 0.3507, 0.2923)
contains.

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Color

Yxy(29.2184, 0.3507, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	BD829D
RGB	189, 130, 157
RGB Percent	74%, 51%, 62%
CMY	0.2588, 0.4902, 0.3843
CMYK	0.00, 0.31, 0.17, 0.26
HSL	333°, 31%, 63%
HSV	333°, 31%, 74%
XYZ	35.0561, 29.2184, 35.6858
YIQ	150.7190, 26.4970, 20.9050

Conversions

Conversions Part 2

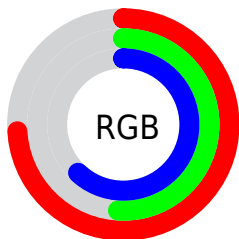
Format	Color
RYB	189, 130, 157
Decimal	12419741
CIELab	60.97, 26.79, -5.18
CIElCh	61, 27.286, 349.058
Yxy	29.2184, 0.3507, 0.2923
Android (android.graphics.Color)	4290609821 (0xFFBD829D)
YUV	150.7190, 3.0965, 33.5724
Hunter-Lab	54.0540, 21.1694, -1.3047

Details

The Yxy color **29.2184, 0.3507, 0.2923** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.7556, 0.2862, 0.3691**, and the grayscale version is **30.7999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6273, 0.3425, 0.2995**, and **11.9288, 0.3637, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **24.3092, 0.3681, 0.2802**, and if you desaturate by 10%, it is **35.0833, 0.3361, 0.3045**.

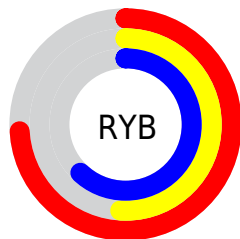
Distribution



Red (74%)

Green (51%)

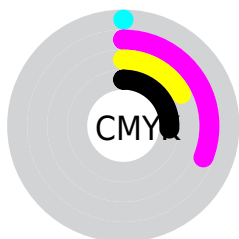
Blue (62%)



Red (74%)

Yellow (51%)

Blue (62%)

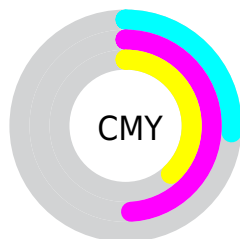


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2184, 0.3507, 0.2923 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 29.2184, 0.3507, 0.2923 by changing the saturation by 10% instead.


 29.2184, 0.3507,
0.2923


 29.2184, 0.3507,
0.2923


298.2440, 0.3305,
0.3116


 19.2461, 0.3562,
0.2872


 58.4239, 0.3430,
0.2995

 11.8482, 0.3635,
0.2803


 78.4259, 0.3403,
0.3022

 6.6404, 0.3738,
0.2709


 102.5399, 0.3379,
0.3044

 3.2383, 0.3893,
0.2570

131.1503, 0.3360,
0.3063

 1.2574, 0.4151,
0.2345

164.6416, 0.3343,
0.3079

 0.1078, 0.5629,
0.0802

203.3980, 0.3329,

 0.0000, 0.0000,

0.3093


0.0000


247.8040, 0.3316,
0.3105

 29.2184, 0.3507,
0.2923


 29.2184, 0.3507,
0.2923

 24.3092, 0.3681,
0.2802

 35.0833, 0.3361,
0.3045


 20.3002, 0.3885,
0.2690


 41.9473, 0.3239,
0.3164


 17.1366, 0.4117,
0.2597

 49.8560, 0.3138,
0.3277


 14.7558, 0.4374,
0.2533

 58.8511, 0.3055,
0.3382

 13.0863, 0.4645,
0.2512

 68.9718, 0.2987,
0.3480


 12.0432, 0.4915,
0.2544

 80.2555, 0.2930,
0.3569

 11.4995, 0.5143,
0.2607

 87.9855, 0.2880,
0.3576

 88.5748, 0.2827,
0.3461

 89.1985, 0.2775,
0.3350

Harmonies

Analogous

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



29.2184, 0.3053, 0.2681



29.2184, 0.3507, 0.2923



29.2184, 0.3871, 0.3253

Triad

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



29.2184, 0.3507, 0.2923



29.2184, 0.3582, 0.4089



29.2184, 0.2310, 0.2870

Complementary

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



29.2184, 0.3507, 0.2923



43.7556, 0.2862, 0.3691

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.



29.2184, 0.2430, 0.3259



29.2184, 0.3507, 0.2923



29.2184, 0.3150, 0.4017

Square

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



29.2184, 0.3507, 0.2923



29.2184, 0.3906, 0.3923



29.2184, 0.2730, 0.3697



29.2184, 0.2388, 0.2634

Rectangle

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



29.2184, 0.3507, 0.2923



29.2184, 0.3998, 0.3493



29.2184, 0.2730, 0.3697



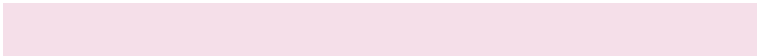
29.2184, 0.2328, 0.2986

Sweetspot

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



29.2197, 0.3507, 0.2923



77.9023, 0.3216, 0.3188



27.2664, 0.2881, 0.2457



16.3304, 0.3232, 0.3171



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.



29.2197, 0.3507, 0.2923



46.5314, 0.3614, 0.2846



28.9258, 0.3817, 0.3319



9.6070, 0.3219, 0.3186



7.7512, 0.5113, 0.2590



0.3168, 0.4542, 0.2276

Inverse Universe

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



29.2197, 0.3507, 0.2923



46.5314, 0.3614, 0.2846



43.9802, 0.2682, 0.3261



9.6070, 0.3219, 0.3186



7.7512, 0.5113, 0.2590



0.3168, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 29.2184, 0.3507, 0.2923 looks on a white background.

Color Contrast Check

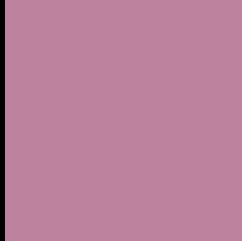
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2184, 0.3507, 0.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

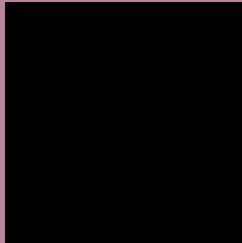
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2184, 0.3507, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 29.2184, 0.3507, 0.2923.



This preview shows how white text looks on a background with the Yxy color 29.2184, 0.3507, 0.2923.

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

29.2184, 0.3507, 0.2923

Protanopia

29.2771, 0.2913, 0.2965

Deuteranopia

29.3824, 0.3178, 0.3109



Tritanopia

29.3230, 0.3638, 0.3152

Trichromacy



Original Color

29.2184, 0.3507, 0.2923

Protanomaly

28.8741, 0.3112, 0.2947

Deuteranomaly

29.1233, 0.3292, 0.3028

Tritanomaly

29.3320, 0.3594, 0.3070

Monochromacy



Original Color

29.2184, 0.3507, 0.2923

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9442, 0.3262, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2184, 0.3507, 0.2923 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, 130, 157)` looks like.

```
.text, #text, p{  
    color:rgb(189, 130, 157)  
}
```

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, 130, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 130, 157) }
```

Border

The CSS property to change the border of an element to Yxy 29.2184, 0.3507, 0.2923 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, 130, 157) }
```

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

```
.border{ border-color:rgb(189, 130, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 130, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 130, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 130, 157);  
box-shadow:4px 4px 4px 4px rgb(189, 130,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2184, 0.3507, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 130, 157) }
```

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

```
.background{ background-color: rgb(189,  
130, 157) }
```

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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