

Converting Colors

$Y_{xy}(29.1643, 0.3245, 0.2542)$

Have a look what the booklet for
Yxy(29.1643, 0.3245, 0.2542)
contains.

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Color

Yxy(29.0333, 0.3239, 0.2534)

Conversions

Conversions Part 1

Format	Color
Hex	BE7DB7
RGB	190, 125, 183
RGB Percent	75%, 49%, 72%
CMY	0.2550, 0.5097, 0.2825
CMYK	0.00, 0.34, 0.04, 0.25
HSL	306°, 33%, 62%
HSV	306°, 34%, 75%
XYZ	37.1108, 29.0333, 48.4308
YIQ	151.0470, 20.1220, 31.8180

Conversions

Conversions Part 2

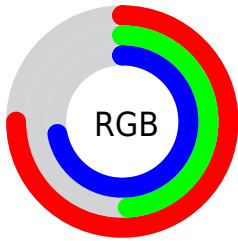
Format	Color
RYB	190, 125, 183
Decimal	12484023
CIELab	60.81, 34.36, -20.24
CIElCh	61, 39.880, 329.508
Yxy	29.0333, 0.3239, 0.2534
Android (android.graphics.Color)	4290674103 (0xFFBE7DB7)
YUV	151.0470, 15.7528, 34.1618
Hunter-Lab	53.8826, 28.6448, -15.5734

Details

The Yxy color **29.0333, 0.3239, 0.2534** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.8493, 0.3032, 0.4186**, and the grayscale version is **30.8941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2464, 0.3221, 0.2678**, and **11.6602, 0.3253, 0.2303** is the 20% darker color. If you saturate the color by 10%, you get **24.5901, 0.3279, 0.2322**, and if you desaturate by 10%, it is **34.4004, 0.3202, 0.2756**.

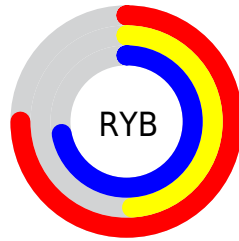
Distribution



Red (75%)

Green (49%)

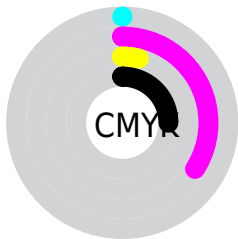
Blue (72%)



Red (75%)

Yellow (49%)

Blue (72%)

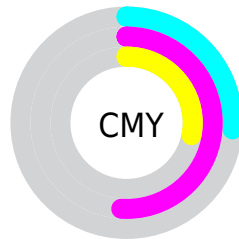


Cyan (0%)

Magenta (34%)

Yellow (4%)

Black (25%)



Cyan (26%)


Magenta (51%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0333, 0.3239, 0.2534 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 29.0333, 0.3239, 0.2534 by changing the saturation by 10% instead.

 29.0333, 0.3239,
0.2534


 29.0333, 0.3239,
0.2534


297.3720, 0.3189,
0.2917


 19.1060, 0.3249,
0.2438


 58.1300, 0.3222,
0.2674

 11.7469, 0.3261,
0.2314


 78.0682, 0.3216,
0.2726

 6.5716, 0.3274,
0.2149


 102.1121, 0.3210,
0.2770

 3.1956, 0.3285,
0.1920

130.6462, 0.3205,
0.2808

 1.2347, 0.3288,
0.1584

164.0549, 0.3200,
0.2841

 0.0898, 0.3512,
0.0340

202.7225, 0.3196,

 0.0000, 0.0000,

0.2869

0.0000

247.0334, 0.3192,
0.2894

■ 29.0333, 0.3239,
0.2534

■ 29.0333, 0.3239,
0.2534

■ 24.5901, 0.3279,
0.2322

■ 34.4004, 0.3202,
0.2756

■ 21.0142, 0.3320,
0.2129

■ 40.7359, 0.3169,
0.2980

■ 18.2491, 0.3362,
0.1966


■ 48.0862, 0.3139,
0.3200

■ 16.2297, 0.3404,
0.1839


■ 56.4936, 0.3112,
0.3411


■ 14.8811, 0.3444,
0.1755

■ 65.9978, 0.3089,
0.3610


 14.1126, 0.3481,
0.1714

 76.6366, 0.3069,
0.3795

 13.8276, 0.3502,
0.1703

 86.5120, 0.3053,
0.3936

 86.6069, 0.3042,
0.3912

 86.7031, 0.3031,
0.3888

Harmonies

Analogous

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



29.0333, 0.2616, 0.2315



29.0333, 0.3239, 0.2534



29.0333, 0.3893, 0.2912

Triad

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



29.0333, 0.3239, 0.2534



29.0333, 0.4101, 0.4301



29.0333, 0.2047, 0.3003

Complementary

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



29.0333, 0.3239, 0.2534



42.8493, 0.3032, 0.4186

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.



29.0333, 0.2371, 0.3667



29.0333, 0.3239, 0.2534



29.0333, 0.3550, 0.4487

Square

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



29.0333, 0.3239, 0.2534



29.0333, 0.4405, 0.3879



29.0333, 0.2916, 0.4262



29.0333, 0.1985, 0.2524

Rectangle

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



29.0333, 0.3239, 0.2534



29.0333, 0.4227, 0.3221



29.0333, 0.2916, 0.4262



29.0333, 0.2126, 0.3212

Sweetspot

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



29.0346, 0.3239, 0.2534



78.9807, 0.3156, 0.3070



23.2551, 0.2577, 0.2299



16.9369, 0.3160, 0.3038



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.



29.0346, 0.3239, 0.2534



46.4553, 0.3268, 0.2374



27.8515, 0.3600, 0.2936



9.6780, 0.3154, 0.3088



9.2031, 0.3498, 0.1700



0.3656, 0.3420, 0.1658

Inverse Universe

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



29.0346, 0.3239, 0.2534



46.4553, 0.3268, 0.2374



43.8627, 0.2815, 0.3678



9.6780, 0.3154, 0.3088



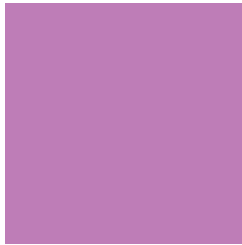
9.2031, 0.3498, 0.1700



0.3656, 0.3420, 0.1658

Previews

White Background



This preview shows how the Yxy color 29.0333, 0.3239, 0.2534 looks on a white background.

Color Contrast Check

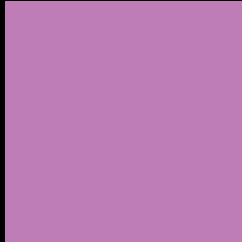
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0333, 0.3239, 0.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

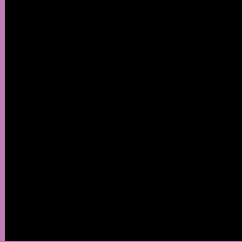
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0333, 0.3239, 0.2534

Background



This preview shows how black text looks on a background with the Yxy color 29.0333, 0.3239, 0.2534.



This preview shows how white text looks on a background with the Yxy color 29.0333, 0.3239, 0.2534.

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

29.0333, 0.3239, 0.2534

Protanopia

29.2335, 0.2559, 0.2508

Deuteranopia

29.2209, 0.2817, 0.2764



Tritanopia

29.0725, 0.3615, 0.3151

Trichromacy



Original Color

29.0333, 0.3239, 0.2534

Protanomaly

28.7995, 0.2770, 0.2505

Deuteranomaly

28.7637, 0.2960, 0.2671

Tritanomaly

28.9987, 0.3473, 0.2907

Monochromacy



Original Color

29.0333, 0.3239, 0.2534

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.9897, 0.3163, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0333, 0.3239, 0.2534 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(190, 125, 183)` looks like.

```
.text, #text, p{  
    color:rgb(190, 125, 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(190, 125, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 125, 183) }
```

Border

The CSS property to change the border of an element to Yxy 29.0333, 0.3239, 0.2534 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(190, 125, 183) }
```

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

```
.border{ border-color:rgb(190, 125, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 125, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 125, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 125, 183);  
box-shadow:4px 4px 4px 4px rgb(190, 125,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0333, 0.3239, 0.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 125, 183) }
```

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

```
.background{ background-color: rgb(190,  
125, 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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