

Converting Colors

$Y_{xy}(32.7118, 0.3044, 0.2536)$

Have a look what the booklet for
Yxy(32.7118, 0.3044, 0.2536)
contains.

Yxy(32.8107, 0.3043, 0.2539)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.8107, 0.3043, 0.2539)

Conversions

Conversions Part 1

Format	Color
Hex	B98BC5
RGB	185, 139, 197
RGB Percent	73%, 55%, 77%
CMY	0.2744, 0.4549, 0.2274
CMYK	0.06, 0.29, 0.00, 0.23
HSL	288°, 33%, 66%
HSV	288°, 29%, 77%
XYZ	39.3237, 32.8107, 57.0924
YIQ	159.3660, 8.7980, 27.7900

Conversions

Conversions Part 2

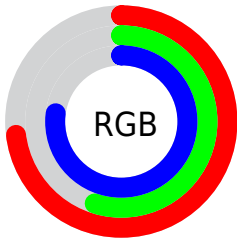
Format	Color
RYB	185, 139, 197
Decimal	12159941
CIELab	64.01, 27.71, -23.33
CIELCh	64, 36.226, 319.904
Yxy	32.8107, 0.3043, 0.2539
Android (android.graphics.Color)	4290350021 (0xFFB98BC5)
YUV	159.3660, 18.5536, 22.4810
Hunter-Lab	57.2806, 22.3010, -18.9988

Details

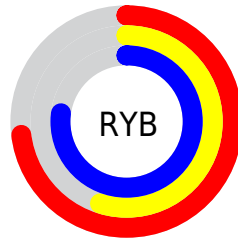
The Yxy color **32.8107, 0.3043, 0.2539** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.3808, 0.3180, 0.4115**, and the grayscale version is **34.7591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1729, 0.3065, 0.2674**, and **13.7879, 0.3003, 0.2325** is the 20% darker color. If you saturate the color by 10%, you get **27.1129, 0.3003, 0.2277**, and if you desaturate by 10%, it is **39.5539, 0.3077, 0.2802**.

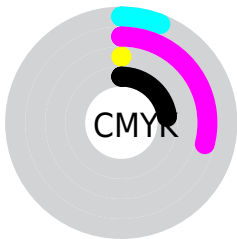
Distribution



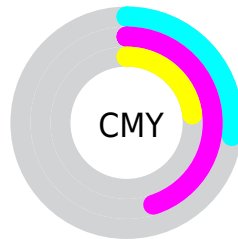
- Red (73%)
- Green (55%)
- Blue (77%)



- Red (73%)
- Yellow (55%)
- Blue (77%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (23%)





- Cyan (27%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8107, 0.3043, 0.2539 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 32.8107, 0.3043, 0.2539 by changing the saturation by 10% instead.

 32.8107, 0.3043,
0.2539


 32.8107, 0.3043,
0.2539


314.7959, 0.3095,
0.2913


 21.9815, 0.3027,
0.2447


 64.0799, 0.3064,
0.2674

 13.8433, 0.3004,
0.2329


 85.2886, 0.3072,
0.2725

 8.0117, 0.2970,
0.2174

 110.7260, 0.3078,
0.2769

 4.1025, 0.2917,
0.1962

140.7763, 0.3082,
0.2806

 1.7310, 0.2823,
0.1659

175.8241, 0.3086,
0.2838

 0.4436, 0.2678,
0.1056

216.2537, 0.3090,


 0.0000, 0.0481,


0.2866


0.0000


262.4495, 0.3093,
0.2891

 0.0000, 0.0000,
0.0000

 32.8107, 0.3043,
0.2539


 32.8107, 0.3043,
0.2539

 27.1129, 0.3003,
0.2277


 39.5539, 0.3077,
0.2802


 22.4009, 0.2959,
0.2027

 47.3894, 0.3105,
0.3058


 18.6155, 0.2909,
0.1797

 56.3666, 0.3128,
0.3303

 15.6894, 0.2856,
0.1600

 66.5303, 0.3147,
0.3532

 13.5462, 0.2801,
0.1442

 77.9231, 0.3161,
0.3744

■ 12.0956, 0.2746,
0.1331

■ 89.1733, 0.3174,
0.3917

■ 11.1760, 0.2692,
0.1258

■ 89.7764, 0.3200,
0.3912

■ 11.1301, 0.2689,
0.1255

■ 90.3949, 0.3226,
0.3907

■ 91.0288, 0.3252,
0.3902

Harmonies

Analogous

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



32.8107, 0.2534, 0.2400



32.8107, 0.3043, 0.2539



32.8107, 0.3624, 0.2838

Triad

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



32.8107, 0.3043, 0.2539



32.8107, 0.4101, 0.4085



32.8107, 0.2242, 0.3222

Complementary

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



32.8107, 0.3043, 0.2539



48.3808, 0.3180, 0.4115

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.



32.8107, 0.2604, 0.3802



32.8107, 0.3043, 0.2539



32.8107, 0.3677, 0.4316

Square

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



32.8107, 0.3043, 0.2539



32.8107, 0.4265, 0.3687



32.8107, 0.3127, 0.4231



32.8107, 0.2107, 0.2735

Rectangle

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



32.8107, 0.3043, 0.2539



32.8107, 0.3960, 0.3101



32.8107, 0.3127, 0.4231



32.8107, 0.2339, 0.3415

Sweetspot

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



32.8121, 0.3043, 0.2539



85.3330, 0.3106, 0.3066



31.8351, 0.2635, 0.2631



17.7920, 0.3102, 0.3029



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.



32.8121, 0.3043, 0.2539



52.3300, 0.3020, 0.2379



33.6539, 0.3323, 0.2757



10.7017, 0.3105, 0.3060



7.3560, 0.2696, 0.1259



0.3770, 0.2809, 0.1321

Inverse Universe

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



32.5689, 0.3640, 0.3132



51.9104, 0.3790, 0.3098



47.8087, 0.2976, 0.3891



10.6722, 0.3258, 0.3242



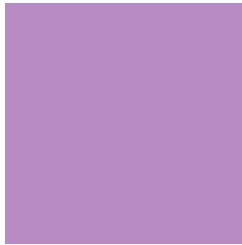
7.9216, 0.6037, 0.3099



0.3859, 0.5451, 0.2776

Previews

White Background



This preview shows how the Yxy color 32.8107, 0.3043, 0.2539 looks on a white background.

Color Contrast Check

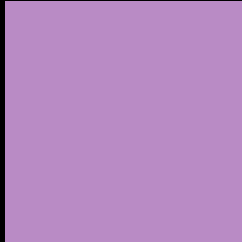
Large Text (above 18pt) WCAG AA × Fail

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 32.8107, 0.3043, 0.2539 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 32.8107, 0.3043, 0.2539

Background



This preview shows how black text looks on a background with the Yxy color 32.8107, 0.3043, 0.2539.



This preview shows how white text looks on a background with the Yxy color 32.8107, 0.3043, 0.2539.

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

32.8107, 0.3043, 0.2539

Protanopia

32.9120, 0.2569, 0.2517

Deuteranopia

32.8355, 0.2750, 0.2692



Tritanopia

32.9198, 0.3353, 0.3136

Trichromacy



Original Color

32.8107, 0.3043, 0.2539

Protanomaly

32.6074, 0.2721, 0.2520

Deuteranomaly

32.5941, 0.2853, 0.2628

Tritanomaly

32.7488, 0.3238, 0.2907

Monochromacy



Original Color

32.8107, 0.3043, 0.2539

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7984, 0.3092, 0.2993

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8107, 0.3043, 0.2539 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, 139, 197)` looks like.

```
.text, #text, p{  
    color:rgb(185, 139, 197)  
}
```

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, 139, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 139, 197) }
```

Border

The CSS property to change the border of an element to Yxy 32.8107, 0.3043, 0.2539 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, 139, 197) }
```

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

```
.border{ border-color:rgb(185, 139, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 139, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 139, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 139, 197);  
box-shadow:4px 4px 4px 4px rgb(185, 139,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8107, 0.3043, 0.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 139, 197) }
```

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

```
.background{ background-color: rgb(185,  
139, 197) }
```

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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