

Converting Colors

$Y_{xy}(25.9317, 0.3317, 0.2452)$

Have a look what the booklet for
Yxy(25.9317, 0.3317, 0.2452)
contains.

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Color

Yxy(25.9317, 0.3317, 0.2452)

Conversions

Conversions Part 1

Format	Color
Hex	BE71B1
RGB	190, 113, 177
RGB Percent	75%, 44%, 69%
CMY	0.2548, 0.5569, 0.3059
CMYK	0.00, 0.41, 0.07, 0.25
HSL	310°, 37%, 59%
HSV	310°, 41%, 75%
XYZ	35.0797, 25.9317, 44.7459
YIQ	143.3190, 25.3480, 36.2280

Conversions

Conversions Part 2

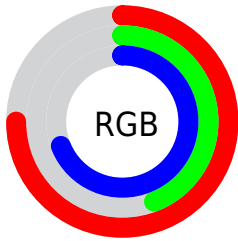
Format	Color
RYB	190, 113, 177
Decimal	12480945
CIELab	57.97, 39.81, -21.16
CIELCh	58, 45.081, 332.012
Yxy	25.9317, 0.3317, 0.2452
Android (android.graphics.Color)	4290671025 (0xFFBE71B1)
YUV	143.3190, 16.6047, 40.9392
Hunter-Lab	50.9232, 33.8486, -16.4516

Details

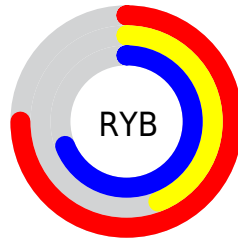
The Yxy color **25.9317, 0.3317, 0.2452** is a light color, and the websafe version is hex **996699**. A complement of this color would be **41.8549, 0.2985, 0.4308**, and the grayscale version is **27.5274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1121, 0.3287, 0.2604**, and **10.0514, 0.3366, 0.2204** is the 20% darker color. If you saturate the color by 10%, you get **22.0012, 0.3377, 0.2261**, and if you desaturate by 10%, it is **30.7552, 0.3262, 0.2657**.

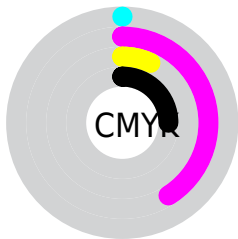
Distribution



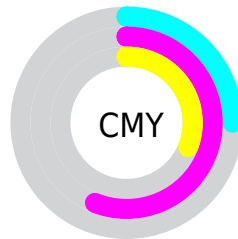
- Red (75%)
- Green (44%)
- Blue (69%)



- Red (75%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (7%)
- Black (25%)





- Cyan (25%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9317, 0.3317, 0.2452 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 25.9317, 0.3317, 0.2452 by changing the saturation by 10% instead.


 25.9317, 0.3317,
0.2452


 25.9317, 0.3317,
0.2452


282.4466, 0.3226,
0.2880


 16.7726, 0.3338,
0.2343


 53.1647, 0.3285,
0.2609


 10.0725, 0.3363,
0.2203


 72.0074, 0.3273,
0.2668

 5.4470, 0.3393,
0.2015


 94.8467, 0.3262,
0.2717

 2.5119, 0.3430,
0.1754

 122.0671, 0.3253,
0.2759

 0.8826, 0.3466,
0.1372

154.0529, 0.3245,
0.2796

 0.0000, 0.3756,
0.0000

191.1884, 0.3238,

 0.0000, 0.0000,

0.2827

0.0000

233.8582, 0.3232,
0.2855

■ 25.9317, 0.3317,
0.2452

■ 25.9317, 0.3317,
0.2452

■ 22.0012, 0.3377,
0.2261

■ 30.7552, 0.3262,
0.2657

■ 18.9043, 0.3441,
0.2094

■ 36.5192, 0.3212,
0.2868

■ 16.5800, 0.3506,
0.1960


■ 43.2721, 0.3168,
0.3077


■ 14.9574, 0.3571,
0.1867


■ 51.0578, 0.3129,
0.3279


■ 13.9525, 0.3634,
0.1818


■ 59.9178, 0.3096,
0.3472

 13.4145, 0.3690,
0.1807

 69.8910, 0.3067,
0.3652

 81.0146, 0.3043,
0.3819

 86.7685, 0.3024,
0.3873

 86.9231, 0.3007,
0.3836

Harmonies

Analogous

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



25.9317, 0.2583, 0.2188



25.9317, 0.3317, 0.2452



25.9317, 0.4082, 0.2889

Triad

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



25.9317, 0.3317, 0.2452



25.9317, 0.4197, 0.4482



25.9317, 0.1867, 0.2881

Complementary

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



25.9317, 0.3317, 0.2452



41.8549, 0.2985, 0.4308

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.



25.9317, 0.2203, 0.3661



25.9317, 0.3317, 0.2452



25.9317, 0.3538, 0.4703

Square

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



25.9317, 0.3317, 0.2452



25.9317, 0.4597, 0.3989



25.9317, 0.2808, 0.4407



25.9317, 0.1827, 0.2362

Rectangle

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



25.9317, 0.3317, 0.2452



25.9317, 0.4456, 0.3240



25.9317, 0.2808, 0.4407



25.9317, 0.1946, 0.3120

Sweetspot

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



25.9329, 0.3317, 0.2452



76.2391, 0.3175, 0.3043



19.9502, 0.2502, 0.2099



16.3720, 0.3180, 0.3015



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.



25.9329, 0.3317, 0.2452



40.3349, 0.3372, 0.2275



24.6134, 0.3794, 0.2938



9.6678, 0.3163, 0.3101



8.9274, 0.3683, 0.1803



0.3572, 0.3551, 0.1730

Inverse Universe

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



25.9329, 0.3317, 0.2452



40.3349, 0.3372, 0.2275



43.0408, 0.2734, 0.3682



9.6678, 0.3163, 0.3101



8.9274, 0.3683, 0.1803



0.3572, 0.3551, 0.1730

Previews

White Background



This preview shows how the Yxy color 25.9317, 0.3317, 0.2452 looks on a white background.

Color Contrast Check

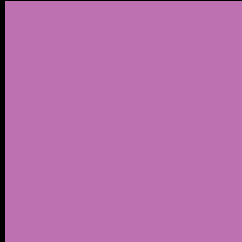
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9317, 0.3317, 0.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

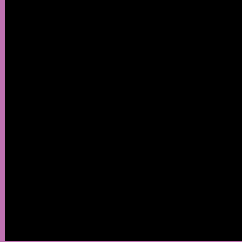
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9317, 0.3317, 0.2452

Background



This preview shows how black text looks on a background with the Yxy color 25.9317, 0.3317, 0.2452.



This preview shows how white text looks on a background with the Yxy color 25.9317, 0.3317, 0.2452.

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

25.9317, 0.3317, 0.2452

Protanopia

26.2547, 0.2485, 0.2420

Deuteranopia

26.2268, 0.2786, 0.2726



Tritanopia

25.8993, 0.3786, 0.3150

Trichromacy



Original Color

25.9317, 0.3317, 0.2452

Protanomaly

25.5344, 0.2746, 0.2421

Deuteranomaly

25.5623, 0.2964, 0.2606

Tritanomaly

25.8966, 0.3619, 0.2889

Monochromacy



Original Color

25.9317, 0.3317, 0.2452

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.3427, 0.3199, 0.2940

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9317, 0.3317, 0.2452 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, 113, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 113, 177)  
}
```

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, 113, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 113, 177) }
```

Border

The CSS property to change the border of an element to Yxy 25.9317, 0.3317, 0.2452 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, 113, 177) }
```

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

```
.border{ border-color:rgb(190, 113, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 113, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 113, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 113, 177);  
box-shadow:4px 4px 4px 4px rgb(190, 113,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9317, 0.3317, 0.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 113, 177) }
```

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

```
.background{ background-color: rgb(190,  
113, 177) }
```

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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