

Converting Colors

$Y_{xy}(25.3408, 0.3322, 0.2598)$

Have a look what the booklet for
Yxy(25.3408, 0.3322, 0.2598)
contains.

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Color

Yxy(25.3364, 0.3323, 0.2599)

Conversions

Conversions Part 1

Format	Color
Hex	B575A7
RGB	181, 117, 167
RGB Percent	71%, 46%, 65%
CMY	0.2902, 0.5412, 0.3450
CMYK	0.00, 0.35, 0.08, 0.29
HSL	313°, 30%, 58%
HSV	313°, 35%, 71%
XYZ	32.3943, 25.3364, 39.7545
YIQ	141.8360, 22.0940, 29.1180

Conversions

Conversions Part 2

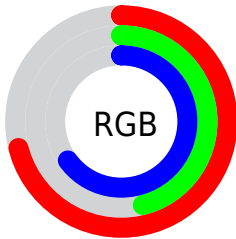
Format	Color
R_{YB}	181, 117, 167
Decimal	11892135
CIE _{Lab}	57.40, 32.87, -16.39
CIE _{LCh}	57, 36.732, 333.497
Yxy	25.3364, 0.3323, 0.2599
Android (android.graphics.Color)	4290082215 (0xFFB575A7)
YUV	141.8360, 12.4059, 34.3468
Hunter-Lab	50.3353, 26.7907, -11.5921

Details

The Yxy color **25.3364, 0.3323, 0.2599** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.4682, 0.2979, 0.4099**, and the grayscale version is **26.9265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2005, 0.3291, 0.2735**, and **9.7641, 0.3380, 0.2382** is the 20% darker color. If you saturate the color by 10%, you get **21.3757, 0.3395, 0.2409**, and if you desaturate by 10%, it is **30.1193, 0.3258, 0.2797**.

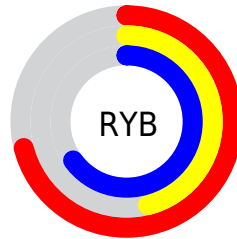
Distribution



Red (71%)

Green (46%)

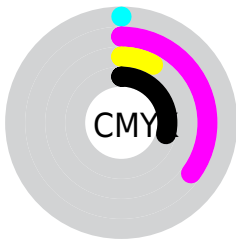
Blue (65%)



Red (71%)

Yellow (46%)

Blue (65%)

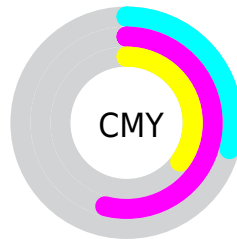


Cyan (0%)

Magenta (35%)

Yellow (8%)

Black (29%)



Cyan (29%)


Magenta (54%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3364, 0.3323, 0.2599 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 25.3364, 0.3323, 0.2599 by changing the saturation by 10% instead.


 25.3364, 0.3323,
0.2599

 25.3364, 0.3323,
0.2599


279.5091, 0.3224,
0.2959


 16.3279, 0.3348,
0.2505


 52.2024, 0.3287,
0.2733

 9.7565, 0.3379,
0.2382


 70.8287, 0.3274,
0.2782

 5.2378, 0.3420,
0.2214


 93.4297, 0.3262,
0.2824

 2.3874, 0.3474,
0.1972

120.3898, 0.3253,
0.2859

 0.8194, 0.3550,
0.1599

152.0934, 0.3244,
0.2889

 0.0000, 0.3885,
0.0000

188.9249, 0.3237,

 0.0000, 0.0000,

0.2915

0.0000

231.2687, 0.3230,
0.2938

■ 25.3364, 0.3323,
0.2599

■ 25.3364, 0.3323,
0.2599

■ 21.3757, 0.3395,
0.2409

■ 30.1193, 0.3258,
0.2797

■ 18.1865, 0.3474,
0.2237

■ 35.7645, 0.3201,
0.2996

■ 15.7180, 0.3558,
0.2091

■ 42.3134, 0.3151,
0.3190

■ 13.9117, 0.3644,
0.1982

■ 49.8038, 0.3108,
0.3375

■ 12.6999, 0.3730,
0.1916

■ 58.2715, 0.3072,
0.3549

■ 11.9989, 0.3813,
0.1896

■ 67.7501, 0.3041,
0.3711

■ 11.7612, 0.3851,
0.1895

■ 78.2718, 0.3015,
0.3861

■ 85.4509, 0.2994,
0.3930

■ 85.6365, 0.2973,
0.3884

Harmonies

Analogous

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



25.3364, 0.2706, 0.2363



25.3364, 0.3323, 0.2599



25.3364, 0.3939, 0.2983

Triad

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



25.3364, 0.3323, 0.2599



25.3364, 0.4009, 0.4309



25.3364, 0.2059, 0.2941

Complementary

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



25.3364, 0.3323, 0.2599



38.4682, 0.2979, 0.4099

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.



25.3364, 0.2342, 0.3566



25.3364, 0.3323, 0.2599



25.3364, 0.3458, 0.4438

Square

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



25.3364, 0.3323, 0.2599



25.3364, 0.4341, 0.3925



25.3364, 0.2847, 0.4163



25.3364, 0.2032, 0.2508

Rectangle

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



25.3364, 0.3323, 0.2599



25.3364, 0.4235, 0.3289



25.3364, 0.2847, 0.4163



25.3364, 0.2125, 0.3134

Sweetspot

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



25.3375, 0.3323, 0.2599



68.7492, 0.3179, 0.3077



20.8736, 0.2631, 0.2284



14.5297, 0.3186, 0.3052



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.3375, 0.3323, 0.2599



40.0300, 0.3376, 0.2458



24.2996, 0.3716, 0.3030



8.6143, 0.3170, 0.3114



8.1185, 0.3842, 0.1890



0.2633, 0.3634, 0.1775

Inverse Universe

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



25.3375, 0.3323, 0.2599



40.0300, 0.3376, 0.2458



39.4698, 0.2756, 0.3571



8.6143, 0.3170, 0.3114



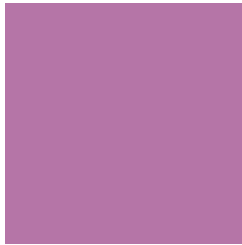
8.1185, 0.3842, 0.1890



0.2633, 0.3634, 0.1775

Previews

White Background



This preview shows how the Yxy color 25.3364, 0.3323, 0.2599 looks on a white background.

Color Contrast Check

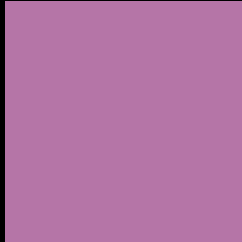
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3364, 0.3323, 0.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

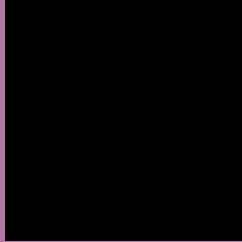
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3364, 0.3323, 0.2599

Background



This preview shows how black text looks on a background with the Yxy color 25.3364, 0.3323, 0.2599.



This preview shows how white text looks on a background with the Yxy color 25.3364, 0.3323, 0.2599.

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

25.3364, 0.3323, 0.2599

Protanopia

25.6631, 0.2619, 0.2596

Deuteranopia

25.4972, 0.2884, 0.2827



Tritanopia

25.4559, 0.3670, 0.3159

Trichromacy



Original Color

25.3364, 0.3323, 0.2599

Protanomaly

25.2108, 0.2842, 0.2589

Deuteranomaly

25.0250, 0.3032, 0.2725

Tritanomaly

25.1841, 0.3543, 0.2944

Monochromacy



Original Color

25.3364, 0.3323, 0.2599

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.0773, 0.3196, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3364, 0.3323, 0.2599 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(181, 117, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 167)  
}
```

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(181, 117, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 167) }
```

Border

The CSS property to change the border of an element to Yxy 25.3364, 0.3323, 0.2599 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(181, 117, 167) }
```

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

```
.border{ border-color:rgb(181, 117, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 167);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3364, 0.3323, 0.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 167) }
```

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

```
.background{ background-color: rgb(181,  
117, 167) }
```

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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