

Converting Colors

$Y_{xy}(25.8345, 0.3304, 0.2547)$

Have a look what the booklet for
Yxy(25.8345, 0.3304, 0.2547)
contains.

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Color

Yxy(25.8915, 0.3301, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	B875AC
RGB	184, 117, 172
RGB Percent	72%, 46%, 67%
CMY	0.2783, 0.5412, 0.3255
CMYK	0.00, 0.36, 0.07, 0.28
HSL	311°, 32%, 59%
HSV	311°, 36%, 72%
XYZ	33.5826, 25.8915, 42.2606
YIQ	143.3030, 22.2770, 31.3090

Conversions

Conversions Part 2

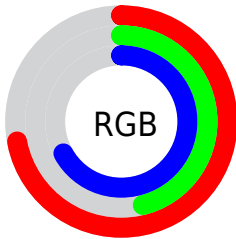
Format	Color
RYB	184, 117, 172
Decimal	12088748
CIELab	57.93, 34.80, -18.42
CIElCh	58, 39.370, 332.110
Yxy	25.8915, 0.3301, 0.2545
Android (android.graphics.Color)	4290278828 (0xFFB875AC)
YUV	143.3030, 14.1476, 35.6913
Hunter-Lab	50.8837, 28.7615, -13.6238

Details

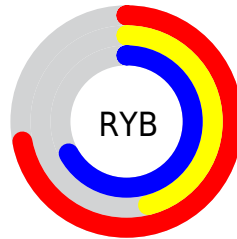
The Yxy color **25.8915, 0.3301, 0.2545** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.6644, 0.2993, 0.4173**, and the grayscale version is **27.5318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9963, 0.3275, 0.2690**, and **10.1162, 0.3344, 0.2316** is the 20% darker color. If you saturate the color by 10%, you get **21.8928, 0.3362, 0.2349**, and if you desaturate by 10%, it is **30.7387, 0.3245, 0.2751**.

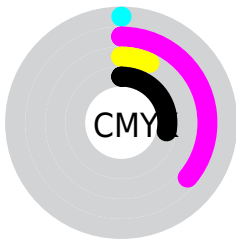
Distribution



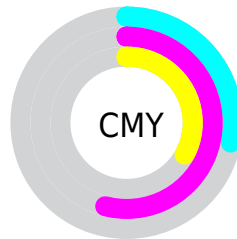
- Red (72%)
- Green (46%)
- Blue (67%)



- Red (72%)
- Yellow (46%)
- Blue (67%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (28%)





- Cyan (28%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8915, 0.3301, 0.2545 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 25.8915, 0.3301, 0.2545 by changing the saturation by 10% instead.


 25.8915, 0.3301,
0.2545


 25.8915, 0.3301,
0.2545


282.2491, 0.3216,
0.2929


 16.7425, 0.3321,
0.2446


 53.0999, 0.3271,
0.2687

 10.0511, 0.3346,
0.2317

 71.9280, 0.3259,
0.2740

 5.4328, 0.3377,
0.2142


 94.7513, 0.3249,
0.2784

 2.5034, 0.3416,
0.1895

121.9541, 0.3241,
0.2822

 0.8783, 0.3461,
0.1523

153.9210, 0.3234,
0.2854

 0.0000, 0.3779,
0.0000

191.0361, 0.3227,

 0.0000, 0.0000,

0.2882

0.0000

233.6840, 0.3221,
0.2907

■ 25.8915, 0.3301,
0.2545

■ 25.8915, 0.3301,
0.2545

■ 21.8928, 0.3362,
0.2349

■ 30.7387, 0.3245,
0.2751

■ 18.6895, 0.3428,
0.2173

■ 36.4765, 0.3196,
0.2959

■ 16.2279, 0.3497,
0.2025

■ 43.1485, 0.3152,
0.3163

■ 14.4461, 0.3566,
0.1915

■ 50.7942, 0.3114,
0.3359

■ 13.2723, 0.3634,
0.1849

■ 59.4511, 0.3082,
0.3543

■ 12.6111, 0.3699,
0.1827

■ 69.1545, 0.3055,
0.3715

■ 12.4303, 0.3722,
0.1824

■ 79.9380, 0.3031,
0.3875

■ 85.8126, 0.3012,
0.3930

■ 85.9671, 0.2995,
0.3891

Harmonies

Analogous

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



25.8915, 0.2652, 0.2306



25.8915, 0.3301, 0.2545



25.8915, 0.3964, 0.2941

Triad

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



25.8915, 0.3301, 0.2545



25.8915, 0.4081, 0.4353



25.8915, 0.2006, 0.2941

Complementary

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



25.8915, 0.3301, 0.2545



39.6644, 0.2993, 0.4173

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.



25.8915, 0.2314, 0.3615



25.8915, 0.3301, 0.2545



25.8915, 0.3502, 0.4518

Square

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



25.8915, 0.3301, 0.2545



25.8915, 0.4423, 0.3932



25.8915, 0.2855, 0.4249



25.8915, 0.1967, 0.2475

Rectangle

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



25.8915, 0.3301, 0.2545



25.8915, 0.4289, 0.3260



25.8915, 0.2855, 0.4249



25.8915, 0.2079, 0.3150

Sweetspot

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



25.8927, 0.3301, 0.2545



72.2253, 0.3172, 0.3067



20.7822, 0.2579, 0.2238



15.2229, 0.3178, 0.3039



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.8927, 0.3301, 0.2545



40.7956, 0.3351, 0.2381



24.7877, 0.3699, 0.2975



9.1343, 0.3164, 0.3104



8.5720, 0.3715, 0.1820



0.3095, 0.3563, 0.1737

Inverse Universe

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



25.8927, 0.3301, 0.2545



40.7956, 0.3351, 0.2381



40.6766, 0.2768, 0.3635



9.1343, 0.3164, 0.3104



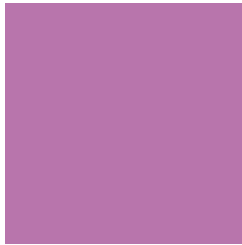
8.5720, 0.3715, 0.1820



0.3095, 0.3563, 0.1737

Previews

White Background



This preview shows how the Yxy color 25.8915, 0.3301, 0.2545 looks on a white background.

Color Contrast Check

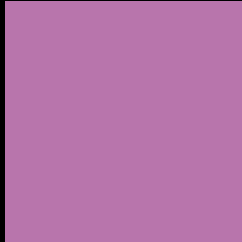
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8915, 0.3301, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

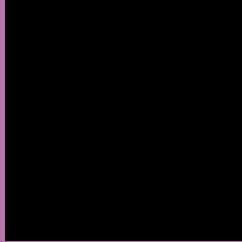
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8915, 0.3301, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 25.8915, 0.3301, 0.2545.



This preview shows how white text looks on a background with the Yxy color 25.8915, 0.3301, 0.2545.

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

25.8915, 0.3301, 0.2545

Protanopia

26.2004, 0.2575, 0.2531

Deuteranopia

25.9244, 0.2849, 0.2785



Tritanopia

25.7202, 0.3682, 0.3146

Trichromacy



Original Color

25.8915, 0.3301, 0.2545

Protanomaly

25.5457, 0.2799, 0.2512

Deuteranomaly

25.5336, 0.3002, 0.2687

Tritanomaly

25.6366, 0.3542, 0.2907

Monochromacy



Original Color

25.8915, 0.3301, 0.2545

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6524, 0.3186, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8915, 0.3301, 0.2545 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(184, 117, 172)` looks like.

```
.text, #text, p{  
    color:rgb(184, 117, 172)  
}
```

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(184, 117, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 117, 172) }
```

Border

The CSS property to change the border of an element to Yxy 25.8915, 0.3301, 0.2545 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(184, 117, 172) }
```

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

```
.border{ border-color:rgb(184, 117, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 117, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 117, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 117, 172);  
box-shadow:4px 4px 4px 4px rgb(184, 117,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8915, 0.3301, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 117, 172) }
```

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

```
.background{ background-color: rgb(184,  
117, 172) }
```

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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