

Converting Colors

$Y_{xy}(25.9155, 0.3293, 0.2537)$

Have a look what the booklet for
Yxy(25.9155, 0.3293, 0.2537)
contains.

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Color

Yxy(25.9301, 0.3289, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	B875AD
RGB	184, 117, 173
RGB Percent	72%, 46%, 68%
CMY	0.2785, 0.5411, 0.3215
CMYK	0.00, 0.36, 0.06, 0.28
HSL	310°, 32%, 59%
HSV	310°, 36%, 72%
XYZ	33.6692, 25.9301, 42.7698
YIQ	143.4170, 21.9560, 31.6200

Conversions

Conversions Part 2

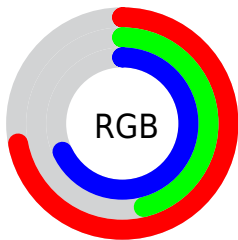
Format	Color
RYB	184, 117, 173
Decimal	12088749
CIELab	57.97, 34.94, -18.94
CIELCh	58, 39.744, 331.545
Yxy	25.9301, 0.3289, 0.2533
Android (android.graphics.Color)	4290278829 (0xFFB875AD)
YUV	143.4170, 14.5844, 35.5913
Hunter-Lab	50.9216, 28.9108, -14.1534

Details

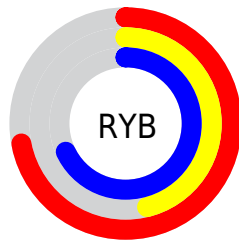
The Yxy color **25.9301, 0.3289, 0.2533** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.6159, 0.3000, 0.4190**, and the grayscale version is **27.5784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1074, 0.3258, 0.2671**, and **10.1406, 0.3327, 0.2301** is the 20% darker color. If you saturate the color by 10%, you get **21.9411, 0.3345, 0.2334**, and if you desaturate by 10%, it is **30.7667, 0.3237, 0.2742**.

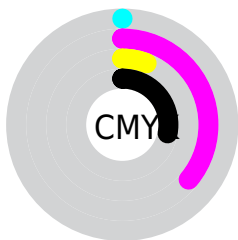
Distribution



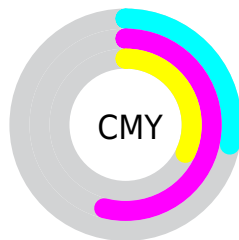
- Red (72%)
- Green (46%)
- Blue (68%)



- Red (72%)
- Yellow (46%)
- Blue (68%)



- Cyan (0%)
- Magenta (36%)
- Yellow (6%)
- Black (28%)





- Cyan (28%)
- Magenta (54%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9301, 0.3289, 0.2533 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 25.9301, 0.3289, 0.2533 by changing the saturation by 10% instead.


 25.9301, 0.3289,
0.2533

 25.9301, 0.3289,
0.2533


282.4388, 0.3211,
0.2923


 16.7714, 0.3307,
0.2432


 53.1622, 0.3262,
0.2677

 10.0716, 0.3329,
0.2302


 72.0043, 0.3251,
0.2731

 5.4465, 0.3356,
0.2126


 94.8429, 0.3242,
0.2775

 2.5115, 0.3389,
0.1876

122.0626, 0.3234,
0.2814

 0.8824, 0.3423,
0.1503

154.0476, 0.3227,
0.2847

 0.0000, 0.3710,
0.0000

191.1824, 0.3221,

 0.0000, 0.0000,

0.2875

0.0000

233.8513, 0.3216,
0.2901

■ 25.9301, 0.3289,
0.2533

■ 25.9301, 0.3289,
0.2533

■ 21.9411, 0.3345,
0.2334

■ 30.7667, 0.3237,
0.2742

■ 18.7465, 0.3406,
0.2155

■ 36.4929, 0.3191,
0.2954

■ 16.2928, 0.3468,
0.2006

■ 43.1522, 0.3150,
0.3161


■ 14.5182, 0.3531,
0.1894


■ 50.7841, 0.3115,
0.3361

■ 13.3509, 0.3593,
0.1825

■ 59.4261, 0.3085,
0.3549

 12.6960, 0.3651,
0.1801

 69.1133, 0.3059,
0.3724

 12.5161, 0.3672,
0.1797

 79.8795, 0.3037,
0.3887

 85.7458, 0.3019,
0.3945

 85.8856, 0.3003,
0.3909

Harmonies

Analogous

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



25.9301, 0.2637, 0.2296



25.9301, 0.3289, 0.2533



25.9301, 0.3960, 0.2930

Triad

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



25.9301, 0.3289, 0.2533



25.9301, 0.4098, 0.4355



25.9301, 0.2001, 0.2949

Complementary

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



25.9301, 0.3289, 0.2533



39.6159, 0.3000, 0.4190

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.



25.9301, 0.2315, 0.3631



25.9301, 0.3289, 0.2533



25.9301, 0.3517, 0.4530

Square

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



25.9301, 0.3289, 0.2533



25.9301, 0.4437, 0.3927



25.9301, 0.2863, 0.4268



25.9301, 0.1957, 0.2474

Rectangle

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



25.9301, 0.3289, 0.2533



25.9301, 0.4293, 0.3250



25.9301, 0.2863, 0.4268



25.9301, 0.2076, 0.3161

Sweetspot

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



25.9313, 0.3289, 0.2533



72.2491, 0.3169, 0.3063



20.7017, 0.2569, 0.2237



15.2287, 0.3175, 0.3035



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.



25.9313, 0.3289, 0.2533



40.8834, 0.3336, 0.2366



24.8206, 0.3684, 0.2960



9.1368, 0.3162, 0.3101



8.6363, 0.3666, 0.1793



0.3113, 0.3530, 0.1718

Inverse Universe

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



25.9313, 0.3289, 0.2533



40.8834, 0.3336, 0.2366



40.6149, 0.2776, 0.3652



9.1368, 0.3162, 0.3101



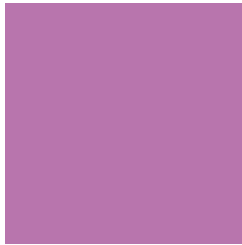
8.6363, 0.3666, 0.1793



0.3113, 0.3530, 0.1718

Previews

White Background



This preview shows how the Yxy color 25.9301, 0.3289, 0.2533 looks on a white background.

Color Contrast Check

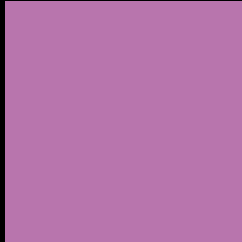
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9301, 0.3289, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

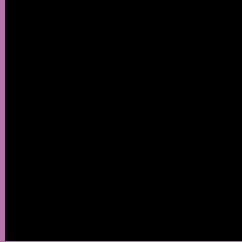
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9301, 0.3289, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 25.9301, 0.3289, 0.2533.



This preview shows how white text looks on a background with the Yxy color 25.9301, 0.3289, 0.2533.

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

25.9301, 0.3289, 0.2533

Protanopia

26.1678, 0.2560, 0.2516

Deuteranopia

26.1592, 0.2831, 0.2785



Tritanopia

25.9722, 0.3678, 0.3161

Trichromacy



Original Color

25.9301, 0.3289, 0.2533

Protanomaly

25.4952, 0.2780, 0.2497

Deuteranomaly

25.8361, 0.2992, 0.2689

Tritanomaly

25.8809, 0.3540, 0.2921

Monochromacy



Original Color

25.9301, 0.3289, 0.2533

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 25.9301, 0.3289, 0.2533 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 117, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 117, 173) }
```

Border

The CSS property to change the border of an element to Yxy 25.9301, 0.3289, 0.2533 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, 173) }
```

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

```
.border{ border-color:rgb(184, 117, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 117, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 117, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 117,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9301, 0.3289, 0.2533 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, 173) }
```

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

```
.background{ background-color: rgb(184,  
117, 173) }
```

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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