

Converting Colors

$Y_{xy}(25.8122, 0.3351, 0.2029)$

Have a look what the booklet for
Yxy(25.8122, 0.3351, 0.2029)
contains.

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Color

Yxy(25.8324, 0.3358, 0.2032)

Conversions

Conversions Part 1

Format	Color
Hex	D957CA
RGB	217, 87, 202
RGB Percent	85%, 34%, 79%
CMY	0.1489, 0.6589, 0.2079
CMYK	0.00, 0.60, 0.07, 0.15
HSL	307°, 63%, 60%
HSV	307°, 60%, 85%
XYZ	42.6896, 25.8324, 58.6060
YIQ	138.9800, 40.5650, 63.3250

Conversions

Conversions Part 2

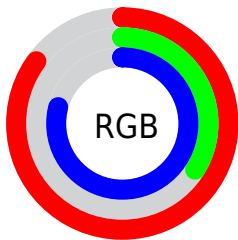
Format	Color
RYB	217, 87, 202
Decimal	14243786
CIELab	57.88, 64.47, -35.31
CIElCh	58, 73.511, 331.289
Yxy	25.8324, 0.3358, 0.2032
Android (android.graphics.Color)	4292433866 (0xFFD957CA)
YUV	138.9800, 31.0689, 68.4235
Hunter-Lab	50.8256, 60.9814, -32.7882

Details

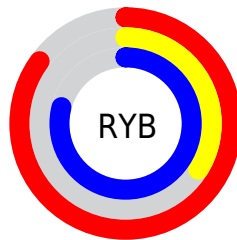
The Yxy color **25.8324, 0.3358, 0.2032** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **52.6267, 0.2970, 0.5018**, and the grayscale version is **25.6757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4265, 0.3177, 0.2221**, and **10.0138, 0.3400, 0.1717** is the 20% darker color. If you saturate the color by 10%, you get **22.7149, 0.3403, 0.1890**, and if you desaturate by 10%, it is **30.0102, 0.3313, 0.2208**.

Distribution



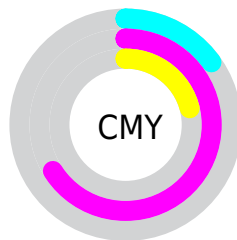
- Red (85%)
- Green (34%)
- Blue (79%)



- Red (85%)
- Yellow (34%)
- Blue (79%)



- Cyan (0%)
- Magenta (60%)
- Yellow (7%)
- Black (15%)





- Cyan (15%)
- Magenta (66%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8324, 0.3358, 0.2032 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 25.8324, 0.3358, 0.2032 by changing the saturation by 10% instead.


 25.8324, 0.3358,
0.2032


 25.8324, 0.3358,
0.2032


281.9584, 0.3263,
0.2642


 16.6983, 0.3375,
0.1889


 53.0044, 0.3329,
0.2248


 10.0196, 0.3391,
0.1711


 71.8112, 0.3316,
0.2330

 5.4120, 0.3406,
0.1486


 94.6109, 0.3305,
0.2401

 2.4909, 0.3412,
0.1198

 121.7880, 0.3295,
0.2462

 0.8721, 0.3388,
0.0828

153.7269, 0.3286,
0.2516

 0.0000, 0.3404,
0.0000

190.8120, 0.3277,


 0.0000, 0.2283,


0.2563

0.0000


233.4277, 0.3270,
0.2604


 0.0000, 0.0000,
0.0000


 25.8324, 0.3358,
0.2032


 25.8324, 0.3358,
0.2032

 22.7149, 0.3403,
0.1890


 30.0102, 0.3313,
0.2208


 20.5561, 0.3447,
0.1790


 35.3306, 0.3269,
0.2410

 19.2410, 0.3489,
0.1735

 41.8717, 0.3228,
0.2628

 18.5636, 0.3527,
0.1717

 49.7040, 0.3191,
0.2852

 18.5590, 0.3528,
0.1717

 58.8925, 0.3157,
0.3075

■ 69.4978, 0.3127,
0.3292

■ 81.5769, 0.3101,
0.3498

■ 91.5541, 0.3080,
0.3635

■ 91.6898, 0.3066,
0.3608

Harmonies

Analogous

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



25.8324, 0.2240, 0.1678



25.8324, 0.3358, 0.2032



25.8324, 0.4640, 0.2618

Triad

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



25.8324, 0.3358, 0.2032



25.8324, 0.4637, 0.4955



25.8324, 0.1266, 0.2576

Complementary

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



25.8324, 0.3358, 0.2032



52.6267, 0.2970, 0.5018

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.



25.8324, 0.1687, 0.3900



25.8324, 0.3358, 0.2032



25.8324, 0.3620, 0.5588

Square

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



25.8324, 0.3358, 0.2032



25.8324, 0.5353, 0.4108



25.8324, 0.2547, 0.5282



25.8324, 0.1240, 0.1856

Rectangle

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



25.8324, 0.3358, 0.2032



25.8324, 0.5258, 0.3084



25.8324, 0.2547, 0.5282



25.8324, 0.1357, 0.2953

Sweetspot

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



25.8336, 0.3358, 0.2032



73.7928, 0.3184, 0.2891



14.5334, 0.2056, 0.1410



15.0214, 0.3195, 0.2825



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.



25.8336, 0.3358, 0.2032



31.7445, 0.3416, 0.1859



23.4340, 0.4211, 0.2689



13.2476, 0.3155, 0.3086



11.2412, 0.3522, 0.1714



0.7358, 0.3465, 0.1682

Inverse Universe

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



25.8336, 0.3358, 0.2032



31.7445, 0.3416, 0.1859



54.3839, 0.2649, 0.4054



13.2476, 0.3155, 0.3086



11.2412, 0.3522, 0.1714



0.7358, 0.3465, 0.1682

Previews

White Background



This preview shows how the Yxy color 25.8324, 0.3358, 0.2032 looks on a white background.

Color Contrast Check

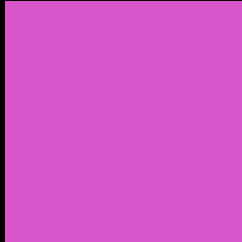
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8324, 0.3358, 0.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

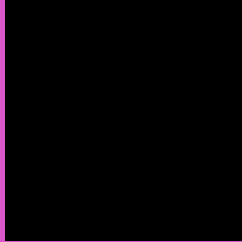
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8324, 0.3358, 0.2032

Background



This preview shows how black text looks on a background with the Yxy color 25.8324, 0.3358, 0.2032.

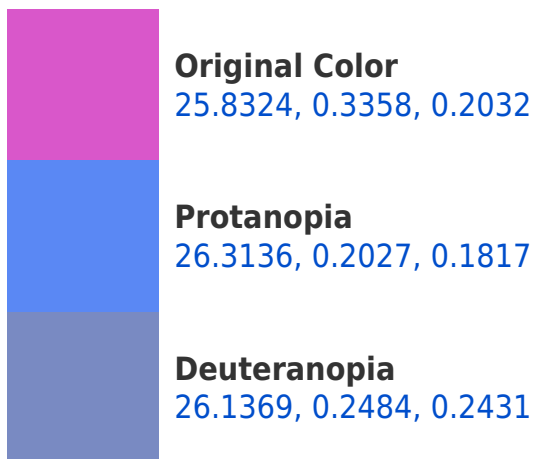


This preview shows how white text looks on a background with the Yxy color 25.8324, 0.3358, 0.2032.

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





Tritanopia

25.8698, 0.4302, 0.3193

Trichromacy



Original Color

25.8324, 0.3358, 0.2032



Protanomaly

23.8482, 0.2336, 0.1810



Deuteranomaly

24.2928, 0.2748, 0.2197



Tritanomaly

25.5216, 0.3942, 0.2716

Monochromacy



Original Color

25.8324, 0.3358, 0.2032



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.2571, 0.3215, 0.2673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8324, 0.3358, 0.2032 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(217, 87, 202)` looks like.

```
.text, #text, p{  
    color:rgb(217, 87, 202)  
}
```

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(217, 87, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 87, 202) }
```

Border

The CSS property to change the border of an element to Yxy 25.8324, 0.3358, 0.2032 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(217, 87, 202) }
```

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

```
.border{ border-color:rgb(217, 87, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 87, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 87, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 87, 202);  
box-shadow:4px 4px 4px 4px rgb(217, 87,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8324, 0.3358, 0.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 87, 202) }
```

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

```
.background{ background-color: rgb(217, 87,  
202) }
```

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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