

Converting Colors

$Y_{xy}(25.9042, 0.3420, 0.2190)$

Have a look what the booklet for
Yxy(25.9042, 0.3420, 0.2190)
contains.

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Color

Yxy(25.7949, 0.3412, 0.2181)

Conversions

Conversions Part 1

Format	Color
Hex	D35FBF
RGB	211, 95, 191
RGB Percent	83%, 37%, 75%
CMY	0.1726, 0.6273, 0.2511
CMYK	0.00, 0.55, 0.09, 0.17
HSL	310°, 57%, 60%
HSV	310°, 55%, 83%
XYZ	40.3541, 25.7949, 52.1220
YIQ	140.6280, 38.3200, 54.4480

Conversions

Conversions Part 2

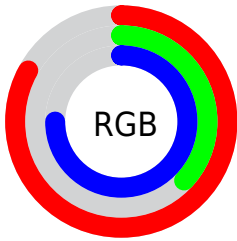
Format	Color
R _Y B	211, 95, 191
Decimal	13852607
CIE Lab	57.84, 57.51, -29.14
CIE LCh	58, 64.473, 333.131
Yxy	25.7949, 0.3412, 0.2181
Android (android.graphics.Color)	4292042687 (0xFFD35FBF)
YUV	140.6280, 24.8334, 61.7162
Hunter-Lab	50.7887, 52.9467, -25.2944

Details

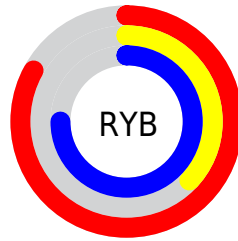
The Yxy color **25.7949, 0.3412, 0.2181** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **50.2552, 0.2944, 0.4756**, and the grayscale version is **26.3755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8500, 0.3233, 0.2332**, and **9.9993, 0.3483, 0.1882** is the 20% darker color. If you saturate the color by 10%, you get **22.3365, 0.3478, 0.2028**, and if you desaturate by 10%, it is **30.2889, 0.3348, 0.2363**.

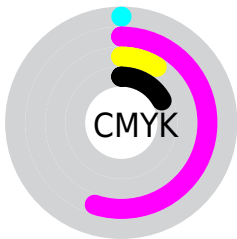
Distribution



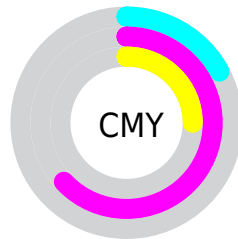
- Red (83%)
- Green (37%)
- Blue (75%)



- Red (83%)
- Yellow (37%)
- Blue (75%)



- Cyan (0%)
- Magenta (55%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (63%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7949, 0.3412, 0.2181 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 25.7949, 0.3412, 0.2181 by changing the saturation by 10% instead.


 25.7949, 0.3412,
0.2181


 25.7949, 0.3412,
0.2181


281.7738, 0.3281,
0.2729


 16.6703, 0.3440,
0.2048


 52.9439, 0.3368,
0.2378


 9.9997, 0.3474,
0.1881


 71.7370, 0.3350,
0.2452

 5.3987, 0.3512,
0.1665


 94.5218, 0.3335,
0.2516

 2.4831, 0.3555,
0.1380

 121.6826, 0.3321,
0.2571

 0.8681, 0.3592,
0.0996

153.6038, 0.3309,
0.2618

 0.0000, 0.3764,
0.0000

190.6698, 0.3299,

 0.0000, 0.1790,


0.2660


0.0000


233.2650, 0.3289,
0.2697


 0.0000, 0.0000,
0.0000


 25.7949, 0.3412,
0.2181


 25.7949, 0.3412,
0.2181

 22.3365, 0.3478,
0.2028


 30.2889, 0.3348,
0.2363


 19.8248, 0.3546,
0.1913


 35.8906, 0.3289,
0.2563


 18.1623, 0.3612,
0.1842

 42.6699, 0.3236,
0.2773

 17.2281, 0.3674,
0.1816

 50.6898, 0.3188,
0.2984

 16.9248, 0.3705,
0.1815

 60.0089, 0.3146,
0.3191

■ 70.6819, 0.3110,
0.3388

■ 82.7607, 0.3079,
0.3574

■ 90.5400, 0.3054,
0.3660

■ 90.7352, 0.3034,
0.3620

Harmonies

Analogous

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



25.7949, 0.2391, 0.1836



25.7949, 0.3412, 0.2181



25.7949, 0.4522, 0.2738

Triad

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



25.7949, 0.3412, 0.2181



25.7949, 0.4482, 0.4876



25.7949, 0.1428, 0.2624

Complementary

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



25.7949, 0.3412, 0.2181



50.2552, 0.2944, 0.4756

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.



25.7949, 0.1811, 0.3753



25.7949, 0.3412, 0.2181



25.7949, 0.3562, 0.5329

Square

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



25.7949, 0.3412, 0.2181



25.7949, 0.5117, 0.4140



25.7949, 0.2585, 0.4946



25.7949, 0.1413, 0.1983

Rectangle

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



25.7949, 0.3412, 0.2181



25.7949, 0.5043, 0.3178



25.7949, 0.2585, 0.4946



25.7949, 0.1511, 0.2951

Sweetspot

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



25.7961, 0.3412, 0.2181



76.2290, 0.3193, 0.2959



16.4927, 0.2219, 0.1602



15.7438, 0.3203, 0.2915



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.



25.7961, 0.3412, 0.2181



33.5157, 0.3490, 0.2005



23.7483, 0.4187, 0.2822



11.9725, 0.3164, 0.3100



10.2290, 0.3697, 0.1810



0.5814, 0.3592, 0.1753

Inverse Universe

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



25.7961, 0.3412, 0.2181



33.5157, 0.3490, 0.2005



52.0076, 0.2632, 0.3856



11.9725, 0.3164, 0.3100



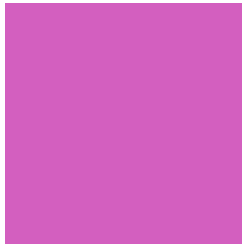
10.2290, 0.3697, 0.1810



0.5814, 0.3592, 0.1753

Previews

White Background



This preview shows how the Yxy color 25.7949, 0.3412, 0.2181 looks on a white background.

Color Contrast Check

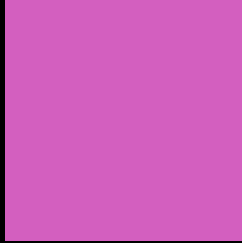
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7949, 0.3412, 0.2181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

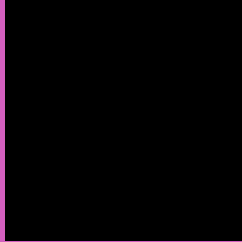
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7949, 0.3412, 0.2181

Background



This preview shows how black text looks on a background with the Yxy color 25.7949, 0.3412, 0.2181.

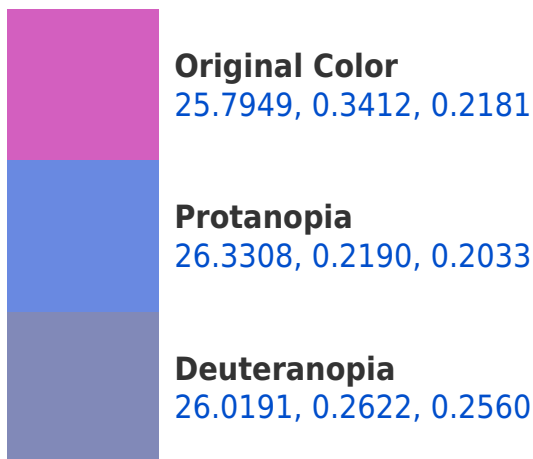


This preview shows how white text looks on a background with the Yxy color 25.7949, 0.3412, 0.2181.

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

25.6409, 0.4206, 0.3190

Trichromacy



Original Color

25.7949, 0.3412, 0.2181



Protanomaly

24.6525, 0.2514, 0.2034



Deuteranomaly

24.8779, 0.2870, 0.2362



Tritanomaly

25.5052, 0.3911, 0.2786

Monochromacy



Original Color

25.7949, 0.3412, 0.2181



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.0255, 0.3232, 0.2771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7949, 0.3412, 0.2181 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(211, 95, 191)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 191)  
}
```

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(211, 95, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 191) }
```

Border

The CSS property to change the border of an element to Yxy 25.7949, 0.3412, 0.2181 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(211, 95, 191) }
```

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

```
.border{ border-color:rgb(211, 95, 191) }
```

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

Here you see how a box with a 4 pixel rgb(211, 95, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 191);  
box-shadow:4px 4px 4px 4px rgb(211, 95,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7949, 0.3412, 0.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 95, 191) }
```

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

```
.background{ background-color: rgb(211, 95,  
191) }
```

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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