

Converting Colors

$Y_{xy}(50.5245, 0.2905, 0.2531)$

Have a look what the booklet for
Yxy(50.5245, 0.2905, 0.2531)
contains.

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Color

Yxy(50.5921, 0.2905, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	D3AEF3
RGB	211, 174, 243
RGB Percent	83%, 68%, 95%
CMY	0.1725, 0.3177, 0.0470
CMYK	0.13, 0.28, 0.00, 0.05
HSL	272°, 74%, 82%
HSV	272°, 28%, 95%
XYZ	58.1829, 50.5921, 91.5104
YIQ	192.9290, -0.0970, 29.3030

Conversions

Conversions Part 2

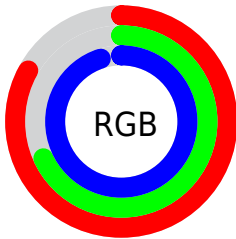
Format	Color
R _Y B	211, 174, 243
Decimal	13872883
CIE Lab	76.43, 26.13, -29.38
CIE LCh	76, 39.318, 311.655
Yxy	50.5921, 0.2905, 0.2526
Android (android.graphics.Color)	4292062963 (0xFFD3AEF3)
YUV	192.9290, 24.6850, 15.8483
Hunter-Lab	71.1281, 21.5391, -26.4903

Details

The Yxy color **50.5921, 0.2905, 0.2526** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80.2937, 0.3298, 0.4064**, and the grayscale version is **53.1391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **24.3305, 0.2838, 0.2339** is the 20% darker color. If you saturate the color by 10%, you get **40.4319, 0.2804, 0.2232**, and if you desaturate by 10%, it is **62.5718, 0.2994, 0.2811**.

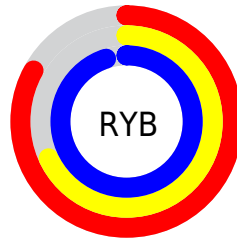
Distribution



Red (83%)

Green (68%)

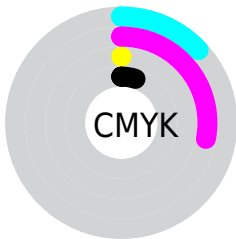
Blue (95%)



Red (83%)

Yellow (68%)

Blue (95%)

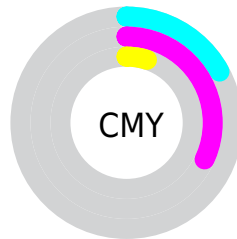


Cyan (13%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (17%)


Magenta (32%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5921, 0.2905, 0.2526 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 50.5921, 0.2905, 0.2526 by changing the saturation by 10% instead.

 50.5921, 0.2905,
0.2526

 50.5921, 0.2905,
0.2526


388.9769, 0.3020,
0.2880

 35.8841, 0.2876,
0.2445


 91.0515, 0.2947,
0.2649

 24.3447, 0.2838,
0.2346


117.5718, 0.2963,
0.2697

 15.5895, 0.2789,
0.2222


148.7982, 0.2976,
0.2738

 9.2342, 0.2720,
0.2061

185.1152, 0.2988,
0.2774

 4.8942, 0.2620,
0.1846

226.9072, 0.2997,
0.2805

 2.1853, 0.2463,
0.1549

274.5585, 0.3006,

 0.7120, 0.2198,

0.2833

0.1111

328.4536, 0.3013,
0.2858

0.0000, 0.1282,
0.0000

0.0000, 0.0000,
0.0000

50.5921, 0.2905,
0.2526

50.5921, 0.2905,
0.2526

40.4319, 0.2804,
0.2232

62.5718, 0.2994,
0.2811

31.9909, 0.2691,
0.1938

76.4519, 0.3071,
0.3080

25.1685, 0.2571,
0.1658

92.3157, 0.3137,
0.3328

19.8505, 0.2446,
0.1406

99.2525, 0.3197,
0.3405

■ 15.9075, 0.2321,
0.1196

■ 13.1868, 0.2203,
0.1038

■ 11.4725, 0.2096,
0.0933

■ 11.2443, 0.2080,
0.0919

Harmonies

Analogous

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



50.5921, 0.2464, 0.2443



50.5921, 0.2905, 0.2526



50.5921, 0.3448, 0.2773

Triad

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



50.5921, 0.2905, 0.2526



50.5921, 0.4116, 0.3951



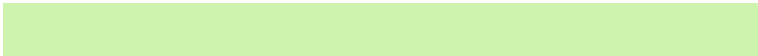
50.5921, 0.2367, 0.3378

Complementary

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



50.5921, 0.2905, 0.2526



80.2937, 0.3298, 0.4064

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.



50.5921, 0.2762, 0.3903



50.5921, 0.2905, 0.2526



50.5921, 0.3776, 0.4220

Square

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



50.5921, 0.2905, 0.2526



50.5921, 0.4183, 0.3555



50.5921, 0.3277, 0.4226



50.5921, 0.2175, 0.2880

Rectangle

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



50.5921, 0.2905, 0.2526



50.5921, 0.3789, 0.3007



50.5921, 0.3277, 0.4226



50.5921, 0.2478, 0.3561

Sweetspot

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



50.5942, 0.2905, 0.2526



84.2585, 0.3067, 0.3064



59.7141, 0.2669, 0.2859



17.5266, 0.3056, 0.3025



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.



50.5942, 0.2905, 0.2526



49.7522, 0.2849, 0.2359



55.6639, 0.3178, 0.2604



16.3643, 0.3064, 0.3051



6.2511, 0.2095, 0.0928



0.6105, 0.2226, 0.1000

Inverse Universe

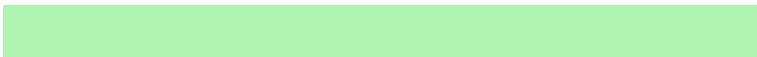
The Inverse Universe completely reimagines the original color for something new.



53.7861, 0.3466, 0.2948



53.9551, 0.3558, 0.2876



76.2598, 0.3076, 0.4088



16.6104, 0.3221, 0.3181



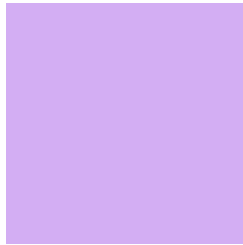
11.1350, 0.5114, 0.2591



0.9992, 0.4814, 0.2426

Previews

White Background



This preview shows how the Yxy color 50.5921, 0.2905, 0.2526 looks on a white background.

Color Contrast Check

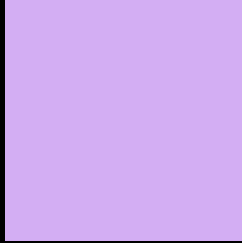
Large Text (above 18pt) WCAG AA × Fail

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 50.5921, 0.2905, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

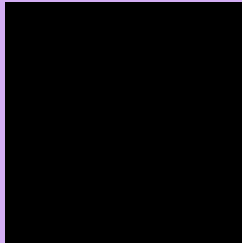
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5921, 0.2905, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 50.5921, 0.2905, 0.2526.



This preview shows how white text looks on a background with the Yxy color 50.5921, 0.2905, 0.2526.

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

50.5921, 0.2905, 0.2526

Protanopia

50.6921, 0.2565, 0.2515

Deuteranopia

50.7521, 0.2696, 0.2629



Tritanopia

50.7356, 0.3194, 0.3122

Trichromacy



Original Color

50.5921, 0.2905, 0.2526

Protanomaly

50.6097, 0.2678, 0.2518

Deuteranomaly

50.5349, 0.2764, 0.2585

Tritanomaly

50.7630, 0.3088, 0.2892

Monochromacy



Original Color

50.5921, 0.2905, 0.2526

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1003, 0.3052, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5921, 0.2905, 0.2526 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, 174, 243)` looks like.

```
.text, #text, p{  
    color:rgb(211, 174, 243)  
}
```

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, 174, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 174, 243) }
```

Border

The CSS property to change the border of an element to Yxy 50.5921, 0.2905, 0.2526 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, 174, 243) }
```

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

```
.border{ border-color:rgb(211, 174, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 174, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 174, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 174, 243);  
box-shadow:4px 4px 4px 4px rgb(211, 174,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5921, 0.2905, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 174, 243) }
```

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

```
.background{ background-color: rgb(211,  
174, 243) }
```

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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