

Converting Colors

$Y_{xy}(50.1389, 0.2995, 0.2600)$

Have a look what the booklet for
Yxy(50.1389, 0.2995, 0.2600)
contains.

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Color

Yxy(50.3324, 0.2995, 0.2600)

Conversions

Conversions Part 1

Format	Color
Hex	D7ADEB
RGB	215, 173, 235
RGB Percent	84%, 68%, 92%
CMY	0.1566, 0.3217, 0.0783
CMYK	0.08, 0.26, 0.00, 0.08
HSL	281°, 61%, 80%
HSV	281°, 26%, 92%
XYZ	57.9791, 50.3324, 85.2747
YIQ	192.6260, 5.1300, 28.1860

Conversions

Conversions Part 2

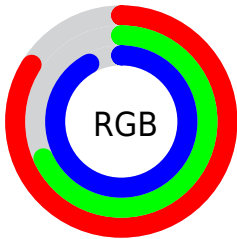
Format	Color
R _Y B	215, 173, 235
Decimal	14134763
CIE Lab	76.27, 26.32, -25.26
CIE LCh	76, 36.481, 316.175
Yxy	50.3324, 0.2995, 0.2600
Android (android.graphics.Color)	4292324843 (0xFFD7ADEB)
YUV	192.6260, 20.8904, 19.6220
Hunter-Lab	70.9453, 21.7222, -21.6035

Details

The Yxy color **50.3324, 0.2995, 0.2600** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.7770, 0.3225, 0.4017**, and the grayscale version is **52.9747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **24.1612, 0.2956, 0.2434** is the 20% darker color. If you saturate the color by 10%, you get **40.9826, 0.2929, 0.2322**, and if you desaturate by 10%, it is **61.3246, 0.3052, 0.2872**.

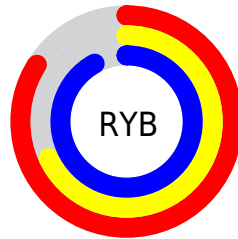
Distribution



Red (84%)

Green (68%)

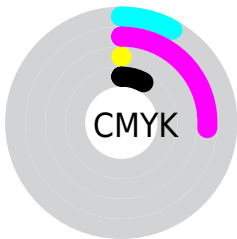
Blue (92%)



Red (84%)

Yellow (68%)

Blue (92%)

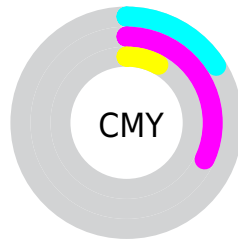


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (16%)

Magenta (32%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3324, 0.2995, 0.2600 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 50.3324, 0.2995, 0.2600 by changing the saturation by 10% instead.


 50.3324, 0.2995,
0.2600

 50.3324, 0.2995,
0.2600


387.9644, 0.3066,
0.2922

 35.6776, 0.2976,
0.2526


 90.6672, 0.3022,
0.2712

 24.1853, 0.2952,
0.2435


117.1159, 0.3031,
0.2755

 15.4711, 0.2919,
0.2320


148.2648, 0.3039,
0.2793

 9.1507, 0.2873,
0.2170

184.4981, 0.3046,
0.2825

 4.8396, 0.2803,
0.1967

226.2004, 0.3052,
0.2854

 2.1535, 0.2689,
0.1682

273.7559, 0.3057,

 0.6944, 0.2486,

0.2879

0.1241

327.5491, 0.3062,
0.2902

0.0000, 0.1553,
0.0000

0.0000, 0.0000,
0.0000

50.3324, 0.2995,
0.2600

50.3324, 0.2995,
0.2600

40.9826, 0.2929,
0.2322

61.3246, 0.3052,
0.2872

33.1851, 0.2855,
0.2048

74.0305, 0.3100,
0.3132

26.8506, 0.2774,
0.1789

88.5249, 0.3141,
0.3376

21.8781, 0.2688,
0.1557

96.9877, 0.3182,
0.3486

■ 18.1531, 0.2599,
0.1365

■ 98.3780, 0.3230,
0.3484

■ 15.5422, 0.2512,
0.1219

■ 98.7796, 0.3244,
0.3483

■ 13.8781, 0.2428,
0.1123

■ 13.4121, 0.2399,
0.1095

Harmonies

Analogous

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



50.3324, 0.2561, 0.2498



50.3324, 0.2995, 0.2600



50.3324, 0.3502, 0.2853

Triad

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



50.3324, 0.2995, 0.2600



50.3324, 0.4016, 0.3959



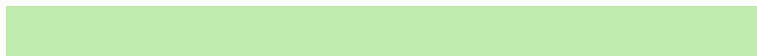
50.3324, 0.2377, 0.3298

Complementary

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



50.3324, 0.2995, 0.2600



73.7770, 0.3225, 0.4017

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.



50.3324, 0.2724, 0.3791



50.3324, 0.2995, 0.2600



50.3324, 0.3671, 0.4174

Square

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



50.3324, 0.2995, 0.2600



50.3324, 0.4118, 0.3602



50.3324, 0.3195, 0.4129



50.3324, 0.2228, 0.2854

Rectangle

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



50.3324, 0.2995, 0.2600



50.3324, 0.3805, 0.3082



50.3324, 0.3195, 0.4129



50.3324, 0.2473, 0.3466

Sweetspot

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



50.3345, 0.2995, 0.2600



86.4442, 0.3093, 0.3091



53.3137, 0.2694, 0.2792



17.9903, 0.3086, 0.3052



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.



50.3345, 0.2995, 0.2600



53.8769, 0.2958, 0.2441



52.9640, 0.3241, 0.2735



15.0568, 0.3086, 0.3054



7.5343, 0.2412, 0.1102



0.6430, 0.2524, 0.1164

Inverse Universe

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



51.3926, 0.3513, 0.3069



55.4548, 0.3627, 0.3018



71.7448, 0.3031, 0.3917



15.1339, 0.3242, 0.3214



10.1379, 0.5680, 0.2903



0.8131, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 50.3324, 0.2995, 0.2600 looks on a white background.

Color Contrast Check

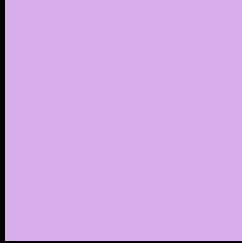
Large Text (above 18pt) WCAG AA × Fail

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 50.3324, 0.2995, 0.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

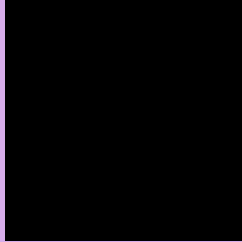
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3324, 0.2995, 0.2600

Background



This preview shows how black text looks on a background with the Yxy color 50.3324, 0.2995, 0.2600.



This preview shows how white text looks on a background with the Yxy color 50.3324, 0.2995, 0.2600.

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

50.3324, 0.2995, 0.2600

Protanopia

50.5946, 0.2625, 0.2590

Deuteranopia

50.3545, 0.2774, 0.2706



Tritanopia

50.5432, 0.3255, 0.3123

Trichromacy



Original Color

50.3324, 0.2995, 0.2600

Protanomaly

50.0900, 0.2749, 0.2591

Deuteranomaly

50.1851, 0.2847, 0.2661

Tritanomaly

50.3428, 0.3153, 0.2917

Monochromacy



Original Color

50.3324, 0.2995, 0.2600

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.0894, 0.3082, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3324, 0.2995, 0.2600 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(215, 173, 235)` looks like.

```
.text, #text, p{  
    color:rgb(215, 173, 235)  
}
```

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(215, 173, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 173, 235) }
```

Border

The CSS property to change the border of an element to Yxy 50.3324, 0.2995, 0.2600 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(215, 173, 235) }
```

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

```
.border{ border-color:rgb(215, 173, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 173, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 173, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 173, 235);  
box-shadow:4px 4px 4px 4px rgb(215, 173,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3324, 0.2995, 0.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 173, 235) }
```

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

```
.background{ background-color: rgb(215,  
173, 235) }
```

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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