

Converting Colors

$Y_{xy}(42.7855, 0.3230, 0.2627)$

Have a look what the booklet for
Yxy(42.7855, 0.3230, 0.2627)
contains.

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Color

Yxy(42.9247, 0.3223, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	DB9AD4
RGB	219, 154, 212
RGB Percent	86%, 60%, 83%
CMY	0.1410, 0.3961, 0.1685
CMYK	0.00, 0.30, 0.03, 0.14
HSL	306°, 47%, 73%
HSV	306°, 30%, 86%
XYZ	52.6632, 42.9247, 67.8102
YIQ	180.0470, 20.1220, 31.8180

Conversions

Conversions Part 2

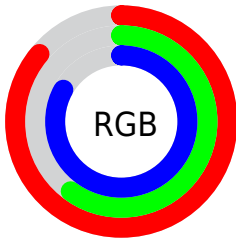
Format	Color
R _Y B	219, 154, 212
Decimal	14392020
CIE Lab	71.50, 33.50, -19.93
CIE LCh	72, 38.977, 329.254
Yxy	42.9247, 0.3223, 0.2627
Android (android.graphics.Color)	4292582100 (0xFFDB9AD4)
YUV	180.0470, 15.7528, 34.1618
Hunter-Lab	65.5169, 28.8256, -15.5035

Details

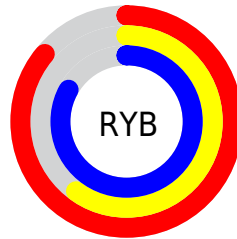
The Yxy color $42.9247, 0.3223, 0.2627$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $60.1254, 0.3044, 0.4058$, and the grayscale version is $45.5760, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.0809, 0.3148, 0.2841$, and $19.7236, 0.3243, 0.2465$ is the 20% darker color. If you saturate the color by 10%, you get $36.2265, 0.3262, 0.2408$, and if you desaturate by 10%, it is $50.9476, 0.3187, 0.2853$.

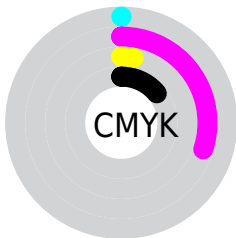
Distribution



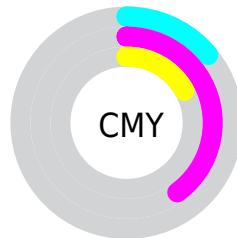
- Red (86%)
- Green (60%)
- Blue (83%)



- Red (86%)
- Yellow (60%)
- Blue (83%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (14%)




- Cyan (14%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9247, 0.3223, 0.2627 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 42.9247, 0.3223, 0.2627 by changing the saturation by 10% instead.


 42.9247, 0.3223,
0.2627


 42.9247, 0.3223,
0.2627


358.3020, 0.3182,
0.2944

 29.8260, 0.3231,
0.2552

 79.5972, 0.3210,
0.2739

 19.7066, 0.3240,
0.2459


 103.9399, 0.3204,
0.2782

 12.1819, 0.3251,
0.2338


132.7993, 0.3200,
0.2819

 6.8677, 0.3262,
0.2179

166.5599, 0.3195,
0.2851

 3.3795, 0.3273,
0.1957

205.6061, 0.3191,
0.2878

 1.3329, 0.3274,
0.1633

250.3222, 0.3188,

 0.1665, 0.3436,

0.2903

0.0582

301.0927, 0.3185,
0.2925

0.0000, 0.0000,
0.0000

42.9247, 0.3223,
0.2627

42.9247, 0.3223,
0.2627

36.2265, 0.3262,
0.2408

50.9476, 0.3187,
0.2853

30.7755, 0.3303,
0.2204

60.3558, 0.3155,
0.3078

26.4949, 0.3346,
0.2026

71.2133, 0.3126,
0.3296

23.2970, 0.3388,
0.1883

83.5782, 0.3101,
0.3504

21.0821, 0.3429,
0.1781

91.9592, 0.3082,
0.3615

■ 19.7316, 0.3468,
0.1724

■ 92.0882, 0.3069,
0.3590

■ 19.0423, 0.3504,
0.1705

■ 92.2190, 0.3056,
0.3564

■ 19.0248, 0.3505,
0.1704

■ 92.3515, 0.3043,
0.3539

■ 92.4859, 0.3030,
0.3514

Harmonies

Analogous

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



42.9247, 0.2684, 0.2436



42.9247, 0.3223, 0.2627



42.9247, 0.3781, 0.2962

Triad

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



42.9247, 0.3223, 0.2627



42.9247, 0.3979, 0.4169



42.9247, 0.2188, 0.3057

Complementary

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



42.9247, 0.3223, 0.2627



60.1254, 0.3044, 0.4058

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.



42.9247, 0.2480, 0.3619



42.9247, 0.3223, 0.2627



42.9247, 0.3507, 0.4311

Square

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



42.9247, 0.3223, 0.2627



42.9247, 0.4231, 0.3814



42.9247, 0.2958, 0.4114



42.9247, 0.2128, 0.2635

Rectangle

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



42.9247, 0.3223, 0.2627



42.9247, 0.4067, 0.3236



42.9247, 0.2958, 0.4114



42.9247, 0.2261, 0.3236

Sweetspot

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



42.9266, 0.3223, 0.2627



86.0629, 0.3153, 0.3092



35.7466, 0.2657, 0.2439



17.9731, 0.3158, 0.3059



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.



42.9266, 0.3223, 0.2627



54.1239, 0.3248, 0.2481



41.4676, 0.3524, 0.2981



13.2494, 0.3154, 0.3084



11.2861, 0.3500, 0.1702



0.7383, 0.3446, 0.1672

Inverse Universe

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



42.9266, 0.3223, 0.2627



54.1239, 0.3248, 0.2481



61.4031, 0.2850, 0.3623



13.2494, 0.3154, 0.3084



11.2861, 0.3500, 0.1702



0.7383, 0.3446, 0.1672

Previews

White Background



This preview shows how the Yxy color 42.9247, 0.3223, 0.2627 looks on a white background.

Color Contrast Check

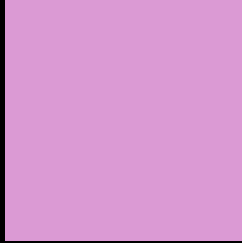
Large Text (above 18pt) WCAG AA × Fail

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 42.9247, 0.3223, 0.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

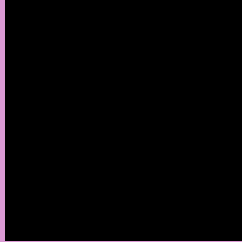
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9247, 0.3223, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 42.9247, 0.3223, 0.2627.



This preview shows how white text looks on a background with the Yxy color 42.9247, 0.3223, 0.2627.

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

42.9247, 0.3223, 0.2627

Protanopia

43.4445, 0.2649, 0.2629

Deuteranopia

42.9594, 0.2870, 0.2804



Tritanopia

42.8419, 0.3519, 0.3133

Trichromacy



Original Color

42.9247, 0.3223, 0.2627



Protanomaly

42.9252, 0.2837, 0.2624



Deuteranomaly

42.7699, 0.2995, 0.2735



Tritanomaly

42.6835, 0.3410, 0.2933

Monochromacy



Original Color

42.9247, 0.3223, 0.2627



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.4009, 0.3157, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9247, 0.3223, 0.2627 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(219, 154, 212)` looks like.

```
.text, #text, p{  
    color:rgb(219, 154, 212)  
}
```

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(219, 154, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 154, 212) }
```

Border

The CSS property to change the border of an element to Yxy 42.9247, 0.3223, 0.2627 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(219, 154, 212) }
```

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

```
.border{ border-color:rgb(219, 154, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 154, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 154, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 154, 212); box-shadow:4px 4px 4px 4px rgb(219, 154, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9247, 0.3223, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 154, 212) }
```

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

```
.background{ background-color: rgb(219,  
154, 212) }
```

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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