

Converting Colors

$Yxy(50.3767, 0.2917, 0.2566)$

Have a look what the booklet for
Yxy(50.3767, 0.2917, 0.2566)
contains.

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Color

Yxy(50.4472, 0.2918, 0.2573)

Conversions

Conversions Part 1

Format	Color
Hex	D1AFEF
RGB	209, 175, 239
RGB Percent	82%, 69%, 94%
CMY	0.1803, 0.3138, 0.0626
CMYK	0.13, 0.27, 0.00, 0.06
HSL	272°, 67%, 81%
HSV	272°, 27%, 94%
XYZ	57.2114, 50.4472, 88.4051
YIQ	192.4620, -0.2800, 27.1120

Conversions

Conversions Part 2

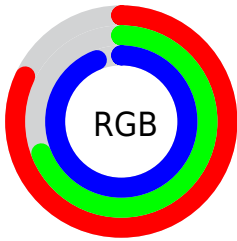
Format	Color
R _Y B	209, 175, 239
Decimal	13742063
CIE Lab	76.34, 24.14, -27.37
CIE LCh	76, 36.493, 311.409
Yxy	50.4472, 0.2918, 0.2573
Android (android.graphics.Color)	4291932143 (0xFFD1AFEF)
YUV	192.4620, 22.9432, 14.5038
Hunter-Lab	71.0262, 19.4854, -24.0790

Details

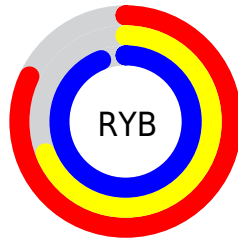
The Yxy color **50.4472, 0.2918, 0.2573** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77.8246, 0.3291, 0.4015**, and the grayscale version is **52.8622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **24.2080, 0.2855, 0.2397** is the 20% darker color. If you saturate the color by 10%, you get **40.3771, 0.2817, 0.2280**, and if you desaturate by 10%, it is **62.2832, 0.3006, 0.2856**.

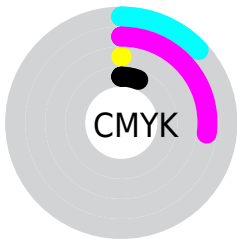
Distribution



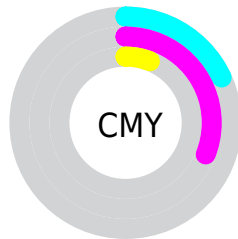
- Red (82%)
- Green (69%)
- Blue (94%)



- Red (82%)
- Yellow (69%)
- Blue (94%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (6%)




- Cyan (18%)
- Magenta (31%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4472, 0.2918, 0.2573 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 50.4472, 0.2918, 0.2573 by changing the saturation by 10% instead.


 50.4472, 0.2918,
0.2573

 50.4472, 0.2918,
0.2573


388.4122, 0.3026,
0.2907

 35.7689, 0.2891,
0.2496


 90.8371, 0.2958,
0.2689

 24.2557, 0.2855,
0.2402


117.3175, 0.2972,
0.2734

 15.5234, 0.2808,
0.2283


148.5006, 0.2985,
0.2773

 9.1876, 0.2743,
0.2128

184.7710, 0.2996,
0.2807

 4.8637, 0.2648,
0.1920

226.5129, 0.3005,
0.2837

 2.1675, 0.2498,
0.1628

274.1108, 0.3013,

 0.7022, 0.2242,

0.2863

0.1185

327.9491, 0.3020,
0.2886

0.0000, 0.1154,
0.0000

0.0000, 0.0000,
0.0000

50.4472, 0.2918,
0.2573

50.4472, 0.2918,
0.2573

40.3771, 0.2817,
0.2280

62.2832, 0.3006,
0.2856

31.9774, 0.2706,
0.1985

75.9614, 0.3082,
0.3121

25.1529, 0.2585,
0.1701

91.5614, 0.3147,
0.3366

19.7960, 0.2459,
0.1442

98.7919, 0.3213,
0.3444

■ 15.7851, 0.2334,
0.1223

■ 99.0137, 0.3220,
0.3444

■ 12.9779, 0.2213,
0.1056

■ 11.1942, 0.2104,
0.0943

■ 10.7465, 0.2070,
0.0914

Harmonies

Analogous

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



50.4472, 0.2506, 0.2498



50.4472, 0.2918, 0.2573



50.4472, 0.3423, 0.2804

Triad

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



50.4472, 0.2918, 0.2573



50.4472, 0.4050, 0.3909



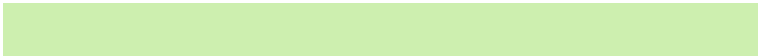
50.4472, 0.2421, 0.3378

Complementary

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



50.4472, 0.2918, 0.2573



77.8246, 0.3291, 0.4015

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.



50.4472, 0.2793, 0.3860



50.4472, 0.2918, 0.2573



50.4472, 0.3738, 0.4154

Square

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



50.4472, 0.2918, 0.2573



50.4472, 0.4107, 0.3540



50.4472, 0.3274, 0.4156



50.4472, 0.2237, 0.2915

Rectangle

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



50.4472, 0.2918, 0.2573



50.4472, 0.3739, 0.3024



50.4472, 0.3274, 0.4156



50.4472, 0.2526, 0.3546

Sweetspot

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



50.4493, 0.2918, 0.2573



85.8995, 0.3073, 0.3089



59.4627, 0.2698, 0.2900



17.8529, 0.3063, 0.3050



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.



50.4493, 0.2918, 0.2573



51.9756, 0.2866, 0.2418



55.1841, 0.3167, 0.2633



15.6422, 0.3063, 0.3052



6.0160, 0.2086, 0.0923



0.5597, 0.2224, 0.0999

Inverse Universe

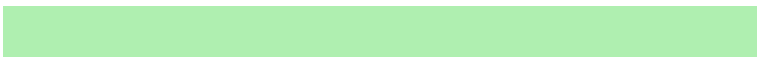
The Inverse Universe completely reimagines the original color for something new.



53.4212, 0.3438, 0.2965



56.0362, 0.3521, 0.2897



74.0004, 0.3085, 0.4048



15.8822, 0.3220, 0.3180



10.8136, 0.5091, 0.2578



0.9195, 0.4779, 0.2406

Previews

White Background



This preview shows how the Yxy color 50.4472, 0.2918, 0.2573 looks on a white background.

Color Contrast Check

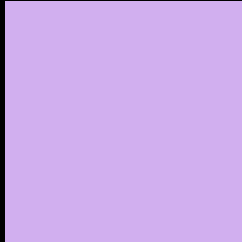
Large Text (above 18pt) WCAG AA × Fail

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 50.4472, 0.2918, 0.2573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

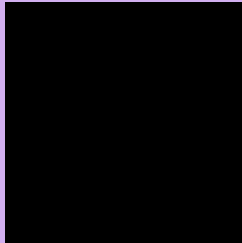
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4472, 0.2918, 0.2573

Background



This preview shows how black text looks on a background with the Yxy color 50.4472, 0.2918, 0.2573.



This preview shows how white text looks on a background with the Yxy color 50.4472, 0.2918, 0.2573.

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

50.4472, 0.2918, 0.2573

Protanopia

50.6039, 0.2607, 0.2568

Deuteranopia

50.7574, 0.2735, 0.2673



Tritanopia

50.4547, 0.3177, 0.3121

Trichromacy



Original Color

50.4472, 0.2918, 0.2573

Protanomaly

50.3018, 0.2709, 0.2568

Deuteranomaly

50.4273, 0.2798, 0.2628

Tritanomaly

50.3751, 0.3086, 0.2913

Monochromacy



Original Color

50.4472, 0.2918, 0.2573

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.7270, 0.3051, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4472, 0.2918, 0.2573 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(209, 175, 239)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 239)  
}
```

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(209, 175, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 239) }
```

Border

The CSS property to change the border of an element to Yxy 50.4472, 0.2918, 0.2573 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(209, 175, 239) }
```

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

```
.border{ border-color:rgb(209, 175, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 175, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 175, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 175, 239);  
box-shadow:4px 4px 4px 4px rgb(209, 175,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4472, 0.2918, 0.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 239) }
```

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

```
.background{ background-color: rgb(209,  
175, 239) }
```

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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