

Converting Colors

$Y_{xy}(43.3722, 0.2815, 0.2173)$

Have a look what the booklet for
Yxy(43.3722, 0.2815, 0.2173)
contains.

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Color

Yxy(43.3503, 0.2819, 0.2172)

Conversions

Conversions Part 1

Format	Color
Hex	D497FF
RGB	212, 151, 255
RGB Percent	83%, 59%, 100%
CMY	0.1686, 0.4078, 0.0002
CMYK	0.17, 0.41, 0.00, 0.00
HSL	275°, 100%, 80%
HSV	275°, 41%, 100%
XYZ	56.2636, 43.3503, 99.9731
YIQ	181.0950, 2.9720, 45.2760

Conversions

Conversions Part 2

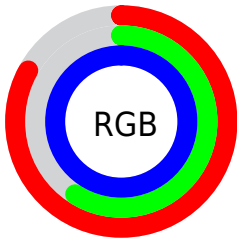
Format	Color
R _Y B	212, 151, 255
Decimal	13932543
CIE Lab	71.79, 41.41, -43.02
CIE LCh	72, 59.713, 313.905
Yxy	43.3503, 0.2819, 0.2172
Android (android.graphics.Color)	4292122623 (0xFFD497FF)
YUV	181.0950, 36.4352, 27.1037
Hunter-Lab	65.8409, 37.3134, -43.9375

Details

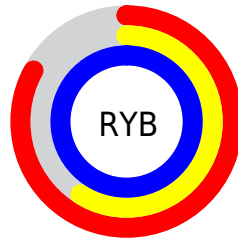
The Yxy color **43.3503, 0.2819, 0.2172** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.1916, 0.3326, 0.4457**, and the grayscale version is **46.0622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **20.0688, 0.2721, 0.1925** is the 20% darker color. If you saturate the color by 10%, you get **34.4984, 0.2717, 0.1888**, and if you desaturate by 10%, it is **54.0822, 0.2911, 0.2462**.

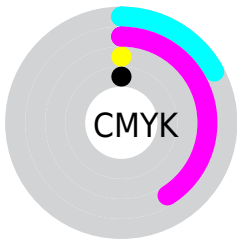
Distribution



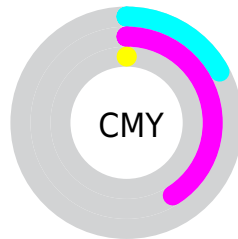
- Red (83%)
- Green (59%)
- Blue (100%)



- Red (83%)
- Yellow (59%)
- Blue (100%)



- Cyan (17%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3503, 0.2819, 0.2172 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 43.3503, 0.2819, 0.2172 by changing the saturation by 10% instead.


 43.3503, 0.2819,
0.2172


 43.3503, 0.2819,
0.2172


360.0504, 0.2986,
0.2683

 30.1601, 0.2775,
0.2059


 80.2392, 0.2881,
0.2347

 19.9601, 0.2719,
0.1922


 104.7067, 0.2904,
0.2415

 12.3661, 0.2643,
0.1753


133.7020, 0.2924,
0.2475

 6.9935, 0.2539,
0.1542

167.6096, 0.2940,
0.2527

 3.4580, 0.2386,
0.1273

206.8138, 0.2954,
0.2573

 1.3753, 0.2153,
0.0929

251.6991, 0.2966,

 0.1984, 0.1815,

0.2614

0.0288

302.6498, 0.2977,
0.2650

0.0000, 0.0567,
0.0000

0.0000, 0.0000,
0.0000

43.3503, 0.2819,
0.2172

43.3503, 0.2819,
0.2172

34.4984, 0.2717,
0.1888

54.0822, 0.2911,
0.2462

27.4037, 0.2608,
0.1621

66.7958, 0.2993,
0.2746

21.9369, 0.2495,
0.1387

81.5917, 0.3063,
0.3018

17.9478, 0.2383,
0.1198

98.5620, 0.3123,
0.3271

■ 15.2567, 0.2276,
0.1061

99.9973, 0.3127,
0.3290

■ 13.6646, 0.2185,
0.0977

Harmonies

Analogous

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



43.3503, 0.2150, 0.2023



43.3503, 0.2819, 0.2172



43.3503, 0.3686, 0.2539

Triad

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



43.3503, 0.2819, 0.2172



43.3503, 0.4616, 0.4271



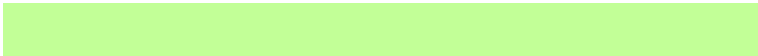
43.3503, 0.1920, 0.3327

Complementary

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



43.3503, 0.2819, 0.2172



85.1916, 0.3326, 0.4457

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.



43.3503, 0.2470, 0.4256



43.3503, 0.2819, 0.2172



43.3503, 0.4026, 0.4757

Square

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



43.3503, 0.2819, 0.2172



43.3503, 0.4809, 0.3663



43.3503, 0.3242, 0.4829



43.3503, 0.1692, 0.2557

Rectangle

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



43.3503, 0.2819, 0.2172



43.3503, 0.4238, 0.2876



43.3503, 0.3242, 0.4829



43.3503, 0.2069, 0.3640

Sweetspot

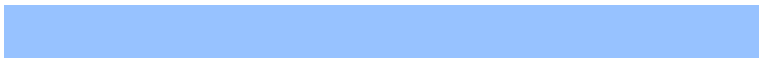
The Sweet Spot groups the original color and five complimentary colors.



43.3521, 0.2819, 0.2172



79.6870, 0.3055, 0.2985



52.5245, 0.2450, 0.2565



16.6238, 0.3046, 0.2950



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.



43.3521, 0.2819, 0.2172



35.9474, 0.2736, 0.1937



50.0605, 0.3246, 0.2356



17.9044, 0.3071, 0.3051



7.2323, 0.2201, 0.0986



0.7683, 0.2312, 0.1047

Inverse Universe

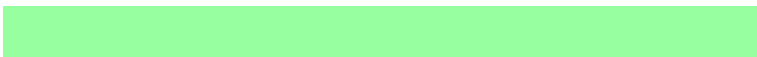
The Inverse Universe completely reimagines the original color for something new.



47.2817, 0.3732, 0.2845



40.6027, 0.3918, 0.2760



80.5998, 0.3026, 0.4448



18.1115, 0.3229, 0.3192



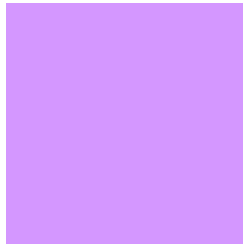
11.6736, 0.5330, 0.2710



1.1577, 0.5034, 0.2547

Previews

White Background



This preview shows how the Yxy color 43.3503, 0.2819, 0.2172 looks on a white background.

Color Contrast Check

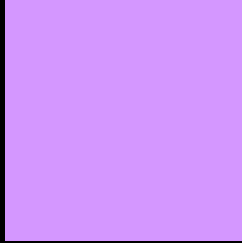
Large Text (above 18pt) WCAG AA × Fail

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 43.3503, 0.2819, 0.2172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

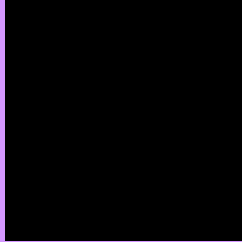
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3503, 0.2819, 0.2172

Background



This preview shows how black text looks on a background with the Yxy color 43.3503, 0.2819, 0.2172.



This preview shows how white text looks on a background with the Yxy color 43.3503, 0.2819, 0.2172.

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

43.3503, 0.2819, 0.2172

Protanopia

43.8817, 0.2397, 0.2308

Deuteranopia

43.5638, 0.2423, 0.2357



Tritanopia

43.2121, 0.3320, 0.3127

Trichromacy



Original Color

43.3503, 0.2819, 0.2172



Protanomaly

43.2631, 0.2532, 0.2249



Deuteranomaly

43.0714, 0.2549, 0.2277

Tritanomaly

42.8321, 0.3126, 0.2738

Monochromacy



Original Color

43.3503, 0.2819, 0.2172



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.5100, 0.3011, 0.2821

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3503, 0.2819, 0.2172 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(212, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 255)  
}
```

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(212, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.3503, 0.2819, 0.2172 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(212, 151, 255) }
```

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

```
.border{ border-color:rgb(212, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3503, 0.2819, 0.2172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 151, 255) }
```

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

```
.background{ background-color: rgb(212,  
151, 255) }
```

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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