

Converting Colors

$Yxy(43.5157, 0.3191, 0.2772)$

Have a look what the booklet for
Yxy(43.5157, 0.3191, 0.2772)
contains.

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Color

Yxy(43.4528, 0.3188, 0.2767)

Conversions

Conversions Part 1

Format	Color
Hex	D1A1CD
RGB	209, 161, 205
RGB Percent	82%, 63%, 80%
CMY	0.1803, 0.3686, 0.1960
CMYK	0.00, 0.23, 0.02, 0.18
HSL	305°, 34%, 73%
HSV	305°, 23%, 82%
XYZ	50.0642, 43.4528, 63.5224
YIQ	180.3680, 14.4840, 23.8600

Conversions

Conversions Part 2

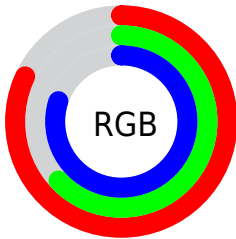
Format	Color
R_{YB}	209, 161, 205
Decimal	13738445
CIE _{Lab}	71.86, 25.09, -15.63
CIE _{LCh}	72, 29.559, 328.074
Yxy	43.4528, 0.3188, 0.2767
Android (android.graphics.Color)	4291928525 (0xFFD1A1CD)
YUV	180.3680, 12.1436, 25.1103
Hunter-Lab	65.9187, 20.2099, -10.9916

Details

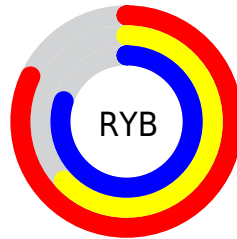
The Yxy color **43.4528, 0.3188, 0.2767** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.9009, 0.3071, 0.3876**, and the grayscale version is **45.7794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5917, 0.3145, 0.2910**, and **20.0417, 0.3196, 0.2627** is the 20% darker color. If you saturate the color by 10%, you get **36.6668, 0.3219, 0.2538**, and if you desaturate by 10%, it is **51.4646, 0.3160, 0.2998**.

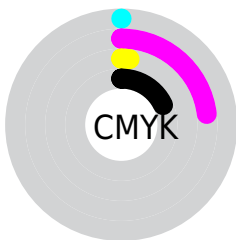
Distribution



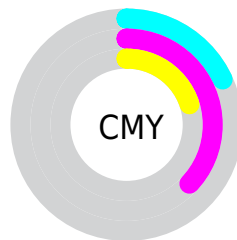
- Red (82%)
- Green (63%)
- Blue (80%)



- Red (82%)
- Yellow (63%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (18%)





- Cyan (18%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4528, 0.3188, 0.2767 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 43.4528, 0.3188, 0.2767 by changing the saturation by 10% instead.

 43.4528, 0.3188,
0.2767


 43.4528, 0.3188,
0.2767


360.4706, 0.3162,
0.3020

 30.2406, 0.3193,
0.2706


 80.3937, 0.3179,
0.2857

 20.0212, 0.3199,
0.2630


 104.8912, 0.3176,
0.2892

 12.4105, 0.3206,
0.2530


133.9191, 0.3173,
0.2921

 7.0239, 0.3214,
0.2396

167.8620, 0.3170,
0.2946

 3.4770, 0.3220,
0.2206

207.1042, 0.3168,
0.2968

 1.3856, 0.3220,
0.1918

252.0301, 0.3166,

 0.2060, 0.3401,

0.2988

0.0867

303.0241, 0.3164,
0.3005

0.0000, 0.0000,
0.0000

43.4528, 0.3188,
0.2767

43.4528, 0.3188,
0.2767

36.6668, 0.3219,
0.2538

51.4646, 0.3160,
0.2998

31.0402, 0.3252,
0.2319

60.7529, 0.3134,
0.3224

26.5091, 0.3285,
0.2119


71.3725, 0.3112,
0.3441

23.0010, 0.3320,
0.1949


83.3734, 0.3092,
0.3645

20.4347, 0.3353,
0.1815


89.9176, 0.3078,
0.3732


 18.7169, 0.3384,
0.1725

 90.0066, 0.3068,
0.3713

 17.7350, 0.3413,
0.1678

 90.0966, 0.3059,
0.3694

 17.3480, 0.3431,
0.1664

 90.1875, 0.3049,
0.3674

 90.2794, 0.3039,
0.3655

Harmonies

Analogous

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



43.4528, 0.2778, 0.2623



43.4528, 0.3188, 0.2767



43.4528, 0.3607, 0.3029

Triad

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



43.4528, 0.3188, 0.2767



43.4528, 0.3793, 0.3959



43.4528, 0.2410, 0.3140

Complementary

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



43.4528, 0.3188, 0.2767



55.9009, 0.3071, 0.3876

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.



43.4528, 0.2649, 0.3556



43.4528, 0.3188, 0.2767



43.4528, 0.3443, 0.4053

Square

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



43.4528, 0.3188, 0.2767



43.4528, 0.3966, 0.3696



43.4528, 0.3024, 0.3908



43.4528, 0.2351, 0.2807

Rectangle

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



43.4528, 0.3188, 0.2767



43.4528, 0.3824, 0.3246



43.4528, 0.3024, 0.3908



43.4528, 0.2470, 0.3275

Sweetspot

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



43.4547, 0.3188, 0.2767



89.0401, 0.3144, 0.3132



38.0058, 0.2766, 0.2654



18.8664, 0.3146, 0.3119



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.



43.4547, 0.3188, 0.2767



62.2189, 0.3204, 0.2644



42.4149, 0.3397, 0.3036



11.9914, 0.3150, 0.3080



10.7016, 0.3428, 0.1662



0.6035, 0.3383, 0.1637

Inverse Universe

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



43.4547, 0.3188, 0.2767



62.2189, 0.3204, 0.2644



56.8246, 0.2919, 0.3560



11.9914, 0.3150, 0.3080



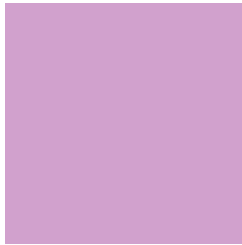
10.7016, 0.3428, 0.1662



0.6035, 0.3383, 0.1637

Previews

White Background



This preview shows how the Yxy color 43.4528, 0.3188, 0.2767 looks on a white background.

Color Contrast Check

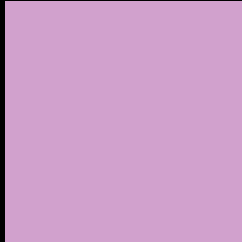
Large Text (above 18pt) WCAG AA × Fail

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 43.4528, 0.3188, 0.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

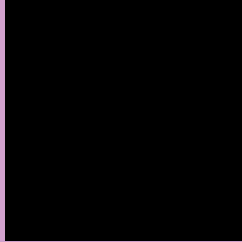
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4528, 0.3188, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 43.4528, 0.3188, 0.2767.



This preview shows how white text looks on a background with the Yxy color 43.4528, 0.3188, 0.2767.

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

43.4528, 0.3188, 0.2767

Protanopia

43.8398, 0.2774, 0.2788

Deuteranopia

43.6406, 0.2957, 0.2894



Tritanopia

43.5062, 0.3377, 0.3129

Trichromacy



Original Color

43.4528, 0.3188, 0.2767

Protanomaly

43.5199, 0.2912, 0.2775

Deuteranomaly

43.4413, 0.3034, 0.2841

Tritanomaly

43.3036, 0.3308, 0.2996

Monochromacy



Original Color

43.4528, 0.3188, 0.2767

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6376, 0.3154, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4528, 0.3188, 0.2767 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, 161, 205)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 205)  
}
```

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, 161, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 205) }
```

Border

The CSS property to change the border of an element to Yxy 43.4528, 0.3188, 0.2767 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, 161, 205) }
```

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

```
.border{ border-color:rgb(209, 161, 205) }
```

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

Here you see how a box with a 4 pixel rgb(209, 161, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 205);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4528, 0.3188, 0.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 205) }
```

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

```
.background{ background-color: rgb(209,  
161, 205) }
```

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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