

Converting Colors

$Yxy(43.2886, 0.3207, 0.2573)$

Have a look what the booklet for
Yxy(43.2886, 0.3207, 0.2573)
contains.

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Color

Yxy(43.3218, 0.3207, 0.2571)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DE99D9 |
| RGB | 222, 153, 217 |
| RGB Percent | 87%, 60%, 85% |
| CMY | 0.1294, 0.4000, 0.1491 |
| CMYK | 0.00, 0.31, 0.02, 0.13 |
| HSL | 304°, 51%, 74% |
| HSV | 304°, 31%, 87% |
| XYZ | 54.0385, 43.3218, 71.1414 |
| YIQ | 180.9270, 20.5800, 34.5320 |

Conversions

Conversions Part 2

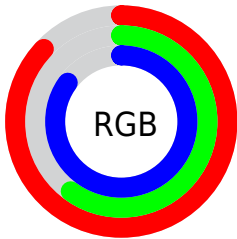
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 222, 153, 217 |
| Decimal | 14588377 |
| CIE Lab | 71.77, 35.88, -22.21 |
| CIE LCh | 72, 42.203, 328.239 |
| Yxy | 43.3218, 0.3207, 0.2571 |
| Android (android.graphics.Color) | 4292778457 (0xFFDE99D9) |
| YUV | 180.9270, 17.7840, 36.0210 |
| Hunter-Lab | 65.8193, 31.3671, -18.0107 |

Details

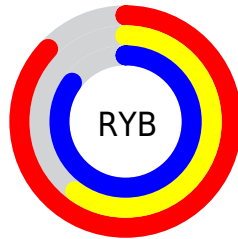
The Yxy color **43.3218, 0.3207, 0.2571** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.4895, 0.3054, 0.4133**, and the grayscale version is **46.0618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **20.0230, 0.3220, 0.2396** is the 20% darker color. If you saturate the color by 10%, you get **36.6358, 0.3237, 0.2347**, and if you desaturate by 10%, it is **51.3645, 0.3179, 0.2804**.

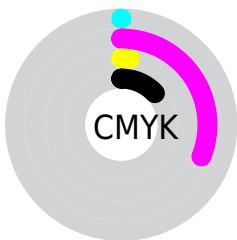
Distribution



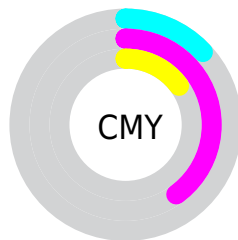
- Red (87%)
- Green (60%)
- Blue (85%)



- Red (87%)
- Yellow (60%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (13%)





- Cyan (13%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3218, 0.3207, 0.2571 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 43.3218, 0.3207, 0.2571 by changing the saturation by 10% instead.


 43.3218, 0.3207,
0.2571

 43.3218, 0.3207,
0.2571


359.9335, 0.3176,
0.2912

 30.1377, 0.3212,
0.2491


 80.1962, 0.3197,
0.2691

 19.9431, 0.3218,
0.2392


 104.6554, 0.3193,
0.2737

 12.3537, 0.3224,
0.2265


133.6416, 0.3190,
0.2777

 6.9850, 0.3228,
0.2097

167.5394, 0.3186,
0.2811

 3.4527, 0.3227,
0.1868

206.7330, 0.3183,
0.2841

 1.3724, 0.3209,
0.1538

251.6070, 0.3180,

 0.1963, 0.3291,

0.2868

0.0597

302.5457, 0.3178,
0.2891

0.0000, 0.0180,
0.0000

0.0000, 0.0000,
0.0000

43.3218, 0.3207,
0.2571

43.3218, 0.3207,
0.2571

36.6358, 0.3237,
0.2347

51.3645, 0.3179,
0.2804

31.2255, 0.3268,
0.2141


60.8273, 0.3153,
0.3038


27.0104, 0.3299,
0.1963

71.7769, 0.3130,
0.3266

23.8985, 0.3329,
0.1822


84.2737, 0.3109,
0.3484

 21.7843, 0.3357,
0.1723


 92.4910, 0.3094,
0.3600


 20.5418, 0.3383,
0.1668

 92.5798, 0.3085,
0.3583

 19.9780, 0.3404,
0.1649

 92.6695, 0.3076,
0.3566

 92.7600, 0.3066,
0.3548

 92.8514, 0.3057,
0.3531

Harmonies

Analogous

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



43.3218, 0.2632, 0.2373



43.3218, 0.3207, 0.2571



43.3218, 0.3814, 0.2922

Triad

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



43.3218, 0.3207, 0.2571



43.3218, 0.4054, 0.4222



43.3218, 0.2127, 0.3052

Complementary

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



43.3218, 0.3207, 0.2571



61.4895, 0.3054, 0.4133

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.



43.3218, 0.2444, 0.3666



43.3218, 0.3207, 0.2571



43.3218, 0.3551, 0.4395

Square

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



43.3218, 0.3207, 0.2571



43.3218, 0.4319, 0.3829



43.3218, 0.2960, 0.4200



43.3218, 0.2057, 0.2595

Rectangle

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



43.3218, 0.3207, 0.2571



43.3218, 0.4129, 0.3212



43.3218, 0.2960, 0.4200



43.3218, 0.2206, 0.3248

Sweetspot

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



43.3237, 0.3207, 0.2571



86.1140, 0.3148, 0.3084



35.2880, 0.2612, 0.2388



17.9857, 0.3152, 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.



43.3237, 0.3207, 0.2571



53.4122, 0.3225, 0.2430



41.7303, 0.3526, 0.2940



13.9175, 0.3149, 0.3076



11.8728, 0.3400, 0.1647



0.8282, 0.3368, 0.1629

Inverse Universe

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



43.3237, 0.3207, 0.2571



53.4122, 0.3225, 0.2430



62.8301, 0.2851, 0.3672



13.9175, 0.3149, 0.3076



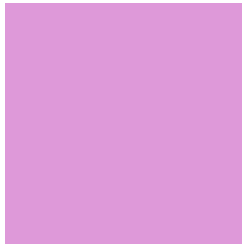
11.8728, 0.3400, 0.1647



0.8282, 0.3368, 0.1629

Previews

White Background



This preview shows how the Yxy color 43.3218, 0.3207, 0.2571 looks on a white background.

Color Contrast Check

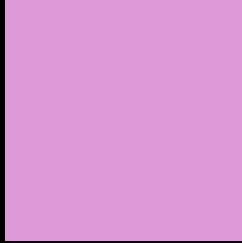
Large Text (above 18pt) WCAG AA × Fail

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 43.3218, 0.3207, 0.2571 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 43.3218, 0.3207, 0.2571

Background



This preview shows how black text looks on a background with the Yxy color 43.3218, 0.3207, 0.2571.



This preview shows how white text looks on a background with the Yxy color 43.3218, 0.3207, 0.2571.

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

43.3218, 0.3207, 0.2571

Protanopia

43.5719, 0.2597, 0.2560

Deuteranopia

43.4231, 0.2833, 0.2768



Tritanopia

43.1447, 0.3538, 0.3134

Trichromacy



Original Color

43.3218, 0.3207, 0.2571



Protanomaly

42.8858, 0.2793, 0.2547



Deuteranomaly

42.9718, 0.2963, 0.2690



Tritanomaly

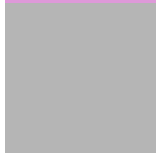
43.0769, 0.3410, 0.2913

Monochromacy



Original Color

43.3218, 0.3207, 0.2571



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.7566, 0.3158, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3218, 0.3207, 0.2571 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(222, 153, 217)` looks like.

```
.text, #text, p{  
    color:rgb(222, 153, 217)  
}
```

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(222, 153, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 153, 217) }
```

Border

The CSS property to change the border of an element to Yxy 43.3218, 0.3207, 0.2571 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(222, 153, 217) }
```

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

```
.border{ border-color:rgb(222, 153, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 153, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 153, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 153, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 153,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3218, 0.3207, 0.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 153, 217) }
```

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

```
.background{ background-color: rgb(222,  
153, 217) }
```

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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