

Converting Colors

$Y_{xy}(32.8381, 0.3697, 0.2785)$

Have a look what the booklet for
Yxy(32.8381, 0.3697, 0.2785)
contains.

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Color

Yxy(32.9487, 0.3694, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	DA7FA9
RGB	218, 127, 169
RGB Percent	85%, 50%, 66%
CMY	0.1450, 0.5020, 0.3372
CMYK	0.00, 0.42, 0.22, 0.14
HSL	332°, 55%, 68%
HSV	332°, 42%, 86%
XYZ	43.6715, 32.9487, 41.6026
YIQ	158.9970, 40.7540, 32.3540

Conversions

Conversions Part 2

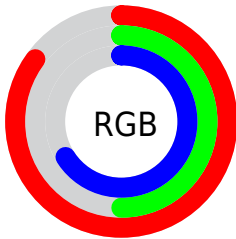
Format	Color
R _Y B	218, 127, 169
Decimal	14319529
CIE Lab	64.12, 40.48, -6.99
CIE LCh	64, 41.082, 350.202
Yxy	32.9487, 0.3694, 0.2787
Android (android.graphics.Color)	4292509609 (0xFFDA7FA9)
YUV	158.9970, 4.9315, 51.7456
Hunter-Lab	57.4010, 35.3538, -2.7911

Details

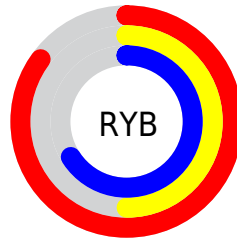
The Yxy color **32.9487, 0.3694, 0.2787** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.8025, 0.2787, 0.3866**, and the grayscale version is **34.6332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6896, 0.3404, 0.2853**, and **13.8936, 0.3872, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **27.4943, 0.3900, 0.2674**, and if you desaturate by 10%, it is **39.6642, 0.3517, 0.2909**.

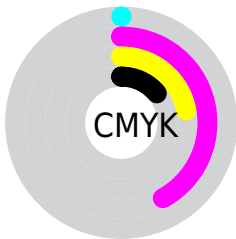
Distribution



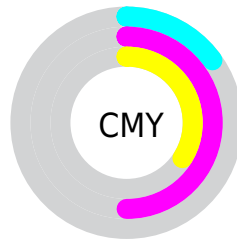
- Red (85%)
- Green (50%)
- Blue (66%)



- Red (85%)
- Yellow (50%)
- Blue (66%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (14%)




- Cyan (15%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9487, 0.3694, 0.2787 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 32.9487, 0.3694, 0.2787 by changing the saturation by 10% instead.


 32.9487, 0.3694,
0.2787


 32.9487, 0.3694,
0.2787


315.4185, 0.3399,
0.3044

 22.0871, 0.3771,
0.2721


 64.2954, 0.3584,
0.2882

 13.9209, 0.3873,
0.2636


 85.5494, 0.3544,
0.2917

 8.0657, 0.4012,
0.2521


 111.0363, 0.3510,
0.2946

 4.1370, 0.4213,
0.2359

141.1405, 0.3481,
0.2971

 1.7505, 0.4530,
0.2111

176.2464, 0.3456,
0.2993

 0.4560, 0.5206,
0.1517

216.7385, 0.3435,

 0.0000, 1.0000,

0.3012

0.0000

263.0011, 0.3416,
0.3029

■ 0.0000, 0.0000,
0.0000

■ 32.9487, 0.3694,
0.2787

■ 32.9487, 0.3694,
0.2787

■ 27.4943, 0.3900,
0.2674

■ 39.6642, 0.3517,
0.2909

■ 23.2159, 0.4136,
0.2581

■ 47.7093, 0.3369,
0.3034

■ 20.0251, 0.4394,
0.2521


■ 57.1533, 0.3245,
0.3155

■ 17.8191, 0.4666,
0.2505


■ 68.0591, 0.3143,
0.3271

■ 16.4745, 0.4935,
0.2543

■ 80.4859, 0.3059,
0.3378

 15.8425, 0.5146,
0.2609

 92.6877, 0.2990,
0.3450

 93.4058, 0.2926,
0.3328

 93.6497, 0.2906,
0.3289

Harmonies

Analogous

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



32.9487, 0.3034, 0.2456



32.9487, 0.3694, 0.2787



32.9487, 0.4222, 0.3234

Triad

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



32.9487, 0.3694, 0.2787



32.9487, 0.3731, 0.4452



32.9487, 0.1989, 0.2654

Complementary

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



32.9487, 0.3694, 0.2787



57.8025, 0.2787, 0.3866

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.



32.9487, 0.2131, 0.3199



32.9487, 0.3694, 0.2787



32.9487, 0.3112, 0.4365

Square

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



32.9487, 0.3694, 0.2787



32.9487, 0.4216, 0.4177



32.9487, 0.2529, 0.3868



32.9487, 0.2104, 0.2354

Rectangle

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



32.9487, 0.3694, 0.2787



32.9487, 0.4393, 0.3561



32.9487, 0.2529, 0.3868



32.9487, 0.2007, 0.2810

Sweetspot

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



32.9503, 0.3694, 0.2787



79.5464, 0.3261, 0.3139



29.4155, 0.2767, 0.2140



16.3598, 0.3287, 0.3112



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.



32.9503, 0.3694, 0.2787



40.1289, 0.3872, 0.2688



32.4126, 0.4185, 0.3330



13.1510, 0.3220, 0.3183



9.5099, 0.5111, 0.2589



0.6334, 0.4721, 0.2375

Inverse Universe

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



32.9503, 0.3694, 0.2787



40.1289, 0.3872, 0.2688



58.1716, 0.2553, 0.3249



13.1510, 0.3220, 0.3183



9.5099, 0.5111, 0.2589



0.6334, 0.4721, 0.2375

Previews

White Background



This preview shows how the Yxy color 32.9487, 0.3694, 0.2787 looks on a white background.

Color Contrast Check

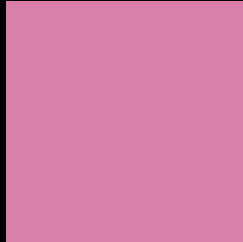
Large Text (above 18pt) WCAG AA × Fail

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 32.9487, 0.3694, 0.2787 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 32.9487, 0.3694, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 32.9487, 0.3694, 0.2787.



This preview shows how white text looks on a background with the Yxy color 32.9487, 0.3694, 0.2787.

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

32.9487, 0.3694, 0.2787

Protanopia

33.0886, 0.2798, 0.2812

Deuteranopia

33.0653, 0.3157, 0.3089



Tritanopia

32.9026, 0.3964, 0.3169

Trichromacy



Original Color

32.9487, 0.3694, 0.2787



Protanomaly

32.2405, 0.3090, 0.2793



Deuteranomaly

32.5383, 0.3353, 0.2964



Tritanomaly

32.8312, 0.3863, 0.3022

Monochromacy



Original Color

32.9487, 0.3694, 0.2787



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

33.2151, 0.3313, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9487, 0.3694, 0.2787 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(218, 127, 169)` looks like.

```
.text, #text, p{  
    color:rgb(218, 127, 169)  
}
```

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(218, 127, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 127, 169) }
```

Border

The CSS property to change the border of an element to Yxy 32.9487, 0.3694, 0.2787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

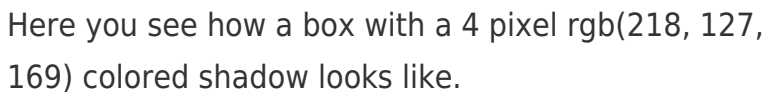
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 127, 169) }
```

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

```
.border{ border-color:rgb(218, 127, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 127, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 127, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 127, 169); box-shadow:4px 4px 4px 4px rgb(218, 127, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9487, 0.3694, 0.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 127, 169) }
```

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

```
.background{ background-color: rgb(218,  
127, 169) }
```

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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