

Converting Colors

$Y_{xy}(32.4751, 0.3700, 0.2768)$

Have a look what the booklet for
Yxy(32.4751, 0.3700, 0.2768)
contains.

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Color

Yxy(32.4372, 0.3699, 0.2764)

Conversions

Conversions Part 1

Format	Color
Hex	DA7DA9
RGB	218, 125, 169
RGB Percent	85%, 49%, 66%
CMY	0.1451, 0.5098, 0.3373
CMYK	0.00, 0.43, 0.22, 0.15
HSL	332°, 56%, 67%
HSV	332°, 43%, 85%
XYZ	43.4100, 32.4372, 41.5088
YIQ	157.8230, 41.3040, 33.4000

Conversions

Conversions Part 2

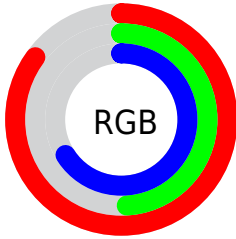
Format	Color
R _Y B	218, 125, 169
Decimal	14319017
CIE Lab	63.70, 41.51, -7.60
CIE LCh	64, 42.197, 349.624
Yxy	32.4372, 0.3699, 0.2764
Android (android.graphics.Color)	4292509097 (0xFFDA7DA9)
YUV	157.8230, 5.5103, 52.7752
Hunter-Lab	56.9537, 36.3835, -3.3440

Details

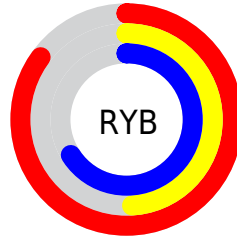
The Yxy color **32.4372, 0.3699, 0.2764** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.5631, 0.2787, 0.3897**, and the grayscale version is **34.0690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8820, 0.3407, 0.2833**, and **13.6265, 0.3879, 0.2605** is the 20% darker color. If you saturate the color by 10%, you get **27.0989, 0.3903, 0.2650**, and if you desaturate by 10%, it is **39.0277, 0.3524, 0.2889**.

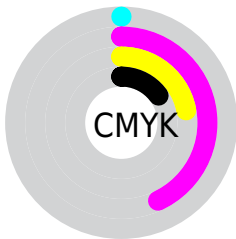
Distribution



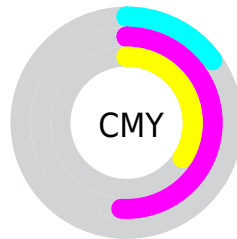
- Red (85%)
- Green (49%)
- Blue (66%)



- Red (85%)
- Yellow (49%)
- Blue (66%)



- Cyan (0%)
- Magenta (43%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4372, 0.3699, 0.2764 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 32.4372, 0.3699, 0.2764 by changing the saturation by 10% instead.

 32.4372, 0.3699,
0.2764


 32.4372, 0.3699,
0.2764

313.1060, 0.3401,
0.3033


 21.6957, 0.3777,
0.2695


 63.4959, 0.3588,
0.2863

 13.6334, 0.3880,
0.2606


 84.5818, 0.3547,
0.2900

 7.8662, 0.4020,
0.2486


 109.8846, 0.3513,
0.2930

 4.0094, 0.4224,
0.2317

139.7887, 0.3484,
0.2957

 1.6788, 0.4545,
0.2059

174.6785, 0.3459,
0.2980

 0.4099, 0.5255,
0.1402

214.9384, 0.3437,

 0.0000, 1.0000,

0.3000

0.0000

260.9528, 0.3418,
0.3017

0.0000, 0.0000,
0.0000

32.4372, 0.3699,
0.2764

32.4372, 0.3699,
0.2764

27.0989, 0.3903,
0.2650

39.0277, 0.3524,
0.2889

22.9272, 0.4134,
0.2557

46.9397, 0.3376,
0.3016

19.8327, 0.4388,
0.2497

56.2425, 0.3253,
0.3141

17.7113, 0.4653,
0.2483

66.9995, 0.3151,
0.3260

16.4372, 0.4914,
0.2524

79.2702, 0.3067,
0.3371

■ 15.8885, 0.5098,
0.2582

■ 92.5952, 0.2998,
0.3466

■ 93.2919, 0.2936,
0.3346

■ 93.6466, 0.2906,
0.3289

Harmonies

Analogous

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



32.4372, 0.3017, 0.2428



32.4372, 0.3699, 0.2764



32.4372, 0.4251, 0.3220

Triad

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



32.4372, 0.3699, 0.2764



32.4372, 0.3759, 0.4487



32.4372, 0.1957, 0.2641

Complementary

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



32.4372, 0.3699, 0.2764



57.5631, 0.2787, 0.3897

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.



32.4372, 0.2107, 0.3206



32.4372, 0.3699, 0.2764



32.4372, 0.3122, 0.4410

Square

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



32.4372, 0.3699, 0.2764



32.4372, 0.4255, 0.4193



32.4372, 0.2519, 0.3900



32.4372, 0.2071, 0.2330

Rectangle

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



32.4372, 0.3699, 0.2764



32.4372, 0.4432, 0.3555



32.4372, 0.2519, 0.3900



32.4372, 0.1977, 0.2803

Sweetspot

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



32.4388, 0.3699, 0.2764



79.5685, 0.3258, 0.3135



28.6204, 0.2743, 0.2108



16.3653, 0.3284, 0.3108



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.



32.4388, 0.3699, 0.2764



39.4799, 0.3877, 0.2663



31.4504, 0.4228, 0.3312



13.1536, 0.3218, 0.3180



9.5396, 0.5063, 0.2563



0.6354, 0.4682, 0.2353

Inverse Universe

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



32.4388, 0.3699, 0.2764



39.4799, 0.3877, 0.2663



58.7689, 0.2546, 0.3268



13.1536, 0.3218, 0.3180



9.5396, 0.5063, 0.2563



0.6354, 0.4682, 0.2353

Previews

White Background



This preview shows how the Yxy color 32.4372, 0.3699, 0.2764 looks on a white background.

Color Contrast Check

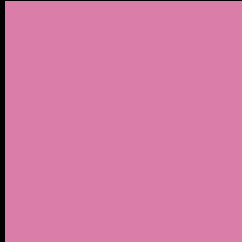
Large Text (above 18pt) WCAG AA × Fail

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 32.4372, 0.3699, 0.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

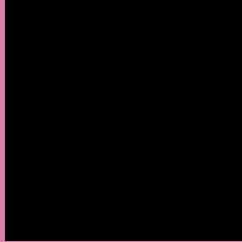
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4372, 0.3699, 0.2764

Background



This preview shows how black text looks on a background with the Yxy color 32.4372, 0.3699, 0.2764.



This preview shows how white text looks on a background with the Yxy color 32.4372, 0.3699, 0.2764.

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

32.4372, 0.3699, 0.2764

Protanopia

32.5734, 0.2779, 0.2795

Deuteranopia

32.5286, 0.3137, 0.3073



Tritanopia

32.3058, 0.3996, 0.3169

Trichromacy



Original Color

32.4372, 0.3699, 0.2764

Protanomaly

31.8244, 0.3080, 0.2777

Deuteranomaly

31.9933, 0.3334, 0.2948

Tritanomaly

32.2716, 0.3883, 0.3010

Monochromacy



Original Color

32.4372, 0.3699, 0.2764

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

32.8697, 0.3325, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4372, 0.3699, 0.2764 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, 125, 169)` looks like.

```
.text, #text, p{  
    color:rgb(218, 125, 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, 125, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 125, 169) }
```

Border

The CSS property to change the border of an element to Yxy 32.4372, 0.3699, 0.2764 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, 125, 169) }
```

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

```
.border{ border-color:rgb(218, 125, 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, 125, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 125, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 125, 169);  
box-shadow:4px 4px 4px 4px rgb(218, 125,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4372, 0.3699, 0.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 125, 169) }
```

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

```
.background{ background-color: rgb(218,  
125, 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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