

Converting Colors

$Y_{xy}(50.5711, 0.3305, 0.3040)$

Have a look what the booklet for
Yxy(50.5711, 0.3305, 0.3040)
contains.

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Color

Yxy(50.4732, 0.3304, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	DAB1C7
RGB	218, 177, 199
RGB Percent	85%, 69%, 78%
CMY	0.1451, 0.3059, 0.2196
CMYK	0.00, 0.19, 0.09, 0.15
HSL	328°, 36%, 77%
HSV	328°, 19%, 85%
XYZ	54.9468, 50.4732, 60.8838
YIQ	191.7670, 17.3740, 15.5340

Conversions

Conversions Part 2

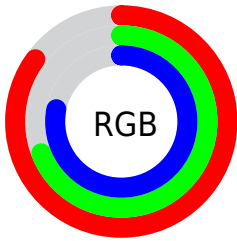
Format	Color
R _Y B	218, 177, 199
Decimal	14332359
CIE Lab	76.36, 18.42, -5.53
CIE LCh	76, 19.236, 343.291
Yxy	50.4732, 0.3304, 0.3035
Android (android.graphics.Color)	4292522439 (0xFFDAB1C7)
YUV	191.7670, 3.5659, 23.0063
Hunter-Lab	71.0445, 13.7265, -1.0793

Details

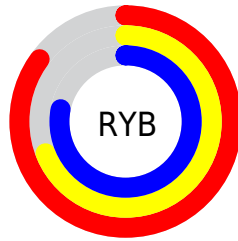
The Yxy color **50.4732, 0.3304, 0.3035** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.4801, 0.2982, 0.3560**, and the grayscale version is **52.5424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **24.2462, 0.3357, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **42.0863, 0.3425, 0.2892**, and if you desaturate by 10%, it is **60.2715, 0.3202, 0.3174**.

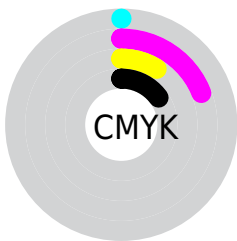
Distribution



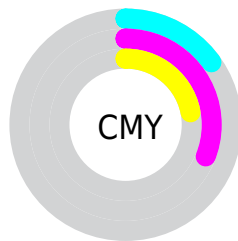
- Red (85%)
- Green (69%)
- Blue (78%)



- Red (85%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4732, 0.3304, 0.3035 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 50.4732, 0.3304, 0.3035 by changing the saturation by 10% instead.


 50.4732, 0.3304,
0.3035

 50.4732, 0.3304,
0.3035


388.5136, 0.3218,
0.3158

 35.7895, 0.3325,
0.3005


 90.8756, 0.3273,
0.3079

 24.2717, 0.3351,
0.2968


117.3631, 0.3262,
0.3096

 15.5353, 0.3385,
0.2919


148.5540, 0.3252,
0.3110

 9.1959, 0.3432,
0.2854

184.8328, 0.3243,
0.3122

 4.8692, 0.3500,
0.2760

226.5837, 0.3236,
0.3133

 2.1707, 0.3606,
0.2614

274.1912, 0.3229,

 0.7040, 0.3809,

0.3143

0.2331

328.0397, 0.3223,
0.3151

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4732, 0.3304,
0.3035

50.4732, 0.3304,
0.3035

42.0863, 0.3425,
0.2892

60.2715, 0.3202,
0.3174

35.0383, 0.3569,
0.2750

71.5358, 0.3118,
0.3305

29.2603, 0.3736,
0.2615

84.3262, 0.3048,
0.3428

24.6745, 0.3925,
0.2498

92.6832, 0.2990,
0.3450

■ 21.1948, 0.4134,
0.2409

■ 93.2984, 0.2935,
0.3345

■ 18.7228, 0.4356,
0.2363

■ 93.6468, 0.2906,
0.3289

■ 17.1429, 0.4581,
0.2368

■ 16.2759, 0.4799,
0.2424

■ 16.1911, 0.4825,
0.2432

Harmonies

Analogous

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



50.4732, 0.3038, 0.2898



50.4732, 0.3304, 0.3035



50.4732, 0.3529, 0.3235

Triad

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



50.4732, 0.3304, 0.3035



50.4732, 0.3446, 0.3749



50.4732, 0.2638, 0.3090

Complementary

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



50.4732, 0.3304, 0.3035



63.4801, 0.2982, 0.3560

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.



50.4732, 0.2738, 0.3328



50.4732, 0.3304, 0.3035



50.4732, 0.3199, 0.3724

Square

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



50.4732, 0.3304, 0.3035



50.4732, 0.3611, 0.3645



50.4732, 0.2941, 0.3567



50.4732, 0.2662, 0.2921

Rectangle

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



50.4732, 0.3304, 0.3035



50.4732, 0.3620, 0.3382



50.4732, 0.2941, 0.3567



50.4732, 0.2658, 0.3165

Sweetspot

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



50.4754, 0.3304, 0.3035



90.1755, 0.3178, 0.3211



48.1699, 0.2963, 0.2799



19.0824, 0.3183, 0.3202



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.



50.4754, 0.3304, 0.3035



66.4897, 0.3355, 0.2973



49.6083, 0.3476, 0.3267



13.1678, 0.3208, 0.3165



9.7213, 0.4795, 0.2415



0.6471, 0.4466, 0.2234

Inverse Universe

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



50.4754, 0.3304, 0.3035



66.4897, 0.3355, 0.2973



64.4502, 0.2858, 0.3314



13.1678, 0.3208, 0.3165



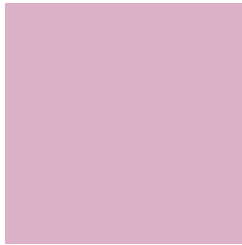
9.7213, 0.4795, 0.2415



0.6471, 0.4466, 0.2234

Previews

White Background



This preview shows how the Yxy color 50.4732, 0.3304, 0.3035 looks on a white background.

Color Contrast Check

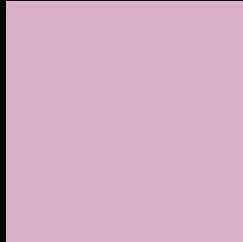
Large Text (above 18pt) WCAG AA × Fail

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 50.4732, 0.3304, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

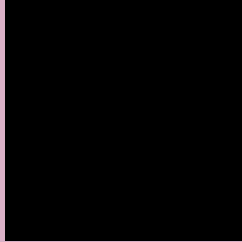
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4732, 0.3304, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 50.4732, 0.3304, 0.3035.



This preview shows how white text looks on a background with the Yxy color 50.4732, 0.3304, 0.3035.

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

50.4732, 0.3304, 0.3035

Protanopia

50.5132, 0.2992, 0.3067

Deuteranopia

50.6407, 0.3178, 0.3109



Tritanopia

50.3983, 0.3353, 0.3127

Trichromacy



Original Color

50.4732, 0.3304, 0.3035

Protanomaly

50.1845, 0.3097, 0.3047

Deuteranomaly

50.5349, 0.3222, 0.3088

Tritanomaly

50.5326, 0.3328, 0.3092

Monochromacy



Original Color

50.4732, 0.3304, 0.3035

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.8983, 0.3181, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4732, 0.3304, 0.3035 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, 177, 199)` looks like.

```
.text, #text, p{  
    color:rgb(218, 177, 199)  
}
```

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, 177, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 177, 199) }
```

Border

The CSS property to change the border of an element to Yxy 50.4732, 0.3304, 0.3035 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, 177, 199) }
```

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

```
.border{ border-color:rgb(218, 177, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 177, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 177, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 177, 199);  
box-shadow:4px 4px 4px 4px rgb(218, 177,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4732, 0.3304, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 177, 199) }
```

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

```
.background{ background-color: rgb(218,  
177, 199) }
```

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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