

Converting Colors

$Y_{xy}(52.5008, 0.3093, 0.2779)$

Have a look what the booklet for
Yxy(52.5008, 0.3093, 0.2779)
contains.

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Color

Yxy(52.5819, 0.3094, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	DAB3E1
RGB	218, 179, 225
RGB Percent	85%, 70%, 88%
CMY	0.1450, 0.2980, 0.1177
CMYK	0.03, 0.20, 0.00, 0.12
HSL	291°, 43%, 79%
HSV	291°, 20%, 88%
XYZ	58.6264, 52.5819, 78.2760
YIQ	195.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

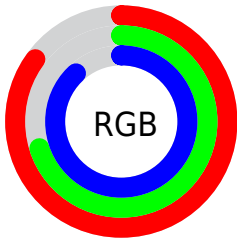
Format	Color
R _Y B	218, 179, 225
Decimal	14332897
CIE Lab	77.63, 22.05, -17.74
CIE LCh	78, 28.301, 321.189
Yxy	52.5819, 0.3094, 0.2775
Android (android.graphics.Color)	4292522977 (0xFFDAB3E1)
YUV	195.9050, 14.3438, 19.3773
Hunter-Lab	72.5134, 17.4173, -13.2424

Details

The Yxy color **52.5819, 0.3094, 0.2775** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **67.5255, 0.3149, 0.3846**, and the grayscale version is **55.0527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **25.6105, 0.3080, 0.2645** is the 20% darker color. If you saturate the color by 10%, you get **43.7706, 0.3072, 0.2514**, and if you desaturate by 10%, it is **62.8796, 0.3112, 0.3032**.

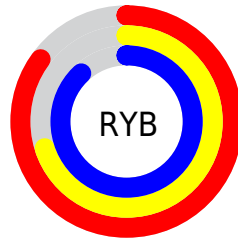
Distribution



Red (85%)

Green (70%)

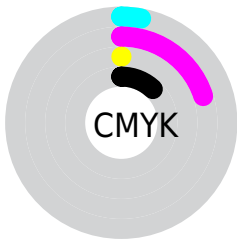
Blue (88%)



Red (85%)

Yellow (70%)

Blue (88%)

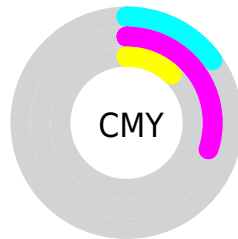


Cyan (3%)

Magenta (20%)

Yellow (0%)

Black (12%)



Cyan (15%)


Magenta (30%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5819, 0.3094, 0.2775 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 52.5819, 0.3094, 0.2775 by changing the saturation by 10% instead.

 52.5819, 0.3094,
0.2775

 52.5819, 0.3094,
0.2775

396.6790, 0.3114,
0.3017

 37.4691, 0.3088,
0.2719


 93.9889, 0.3102,
0.2860

 25.5709, 0.3080,
0.2649


121.0518, 0.3105,
0.2892

 16.5029, 0.3069,
0.2560


152.8669, 0.3107,
0.2921

 9.8807, 0.3052,
0.2443

189.8186, 0.3109,
0.2945

 5.3199, 0.3026,
0.2283

232.2913, 0.3111,
0.2966

 2.4362, 0.2980,
0.2050

280.6693, 0.3112,

 0.8444, 0.2885,

0.2985

0.1685

335.3371, 0.3113,
0.3002

0.0000, 0.2323,
0.0000

0.0000, 0.0000,
0.0000

52.5819, 0.3094,
0.2775

52.5819, 0.3094,
0.2775

43.7706, 0.3072,
0.2514

62.8796, 0.3112,
0.3032

36.3677, 0.3045,
0.2258

74.7235, 0.3127,
0.3280

30.2982, 0.3014,
0.2016

88.1783, 0.3138,
0.3513

25.4774, 0.2979,
0.1800

94.0493, 0.3154,
0.3595

■ 21.8108, 0.2942,
0.1618

■ 94.6230, 0.3176,
0.3594

■ 19.1904, 0.2903,
0.1478

■ 95.2077, 0.3197,
0.3592

■ 17.4875, 0.2863,
0.1384

■ 95.8036, 0.3219,
0.3590

■ 16.5056, 0.2825,
0.1330

■ 96.4107, 0.3241,
0.3588

■ 97.0291, 0.3263,
0.3586

Harmonies

Analogous

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



52.5819, 0.2740, 0.2674



52.5819, 0.3094, 0.2775



52.5819, 0.3478, 0.2993

Triad

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



52.5819, 0.3094, 0.2775



52.5819, 0.3780, 0.3851



52.5819, 0.2515, 0.3241

Complementary

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



52.5819, 0.3094, 0.2775



67.5255, 0.3149, 0.3846

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.



52.5819, 0.2767, 0.3611



52.5819, 0.3094, 0.2775



52.5819, 0.3496, 0.3972

Square

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



52.5819, 0.3094, 0.2775



52.5819, 0.3887, 0.3594



52.5819, 0.3123, 0.3890



52.5819, 0.2422, 0.2916

Rectangle

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



52.5819, 0.3094, 0.2775



52.5819, 0.3693, 0.3183



52.5819, 0.3123, 0.3890



52.5819, 0.2583, 0.3366

Sweetspot

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



52.5842, 0.3094, 0.2775



90.1875, 0.3119, 0.3142



50.4162, 0.2792, 0.2823



19.0851, 0.3118, 0.3126



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.



52.5842, 0.3094, 0.2775



64.0680, 0.3084, 0.2651



52.8796, 0.3273, 0.2946



13.8252, 0.3114, 0.3057



9.5545, 0.2831, 0.1333



0.6911, 0.2893, 0.1367

Inverse Universe

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



51.7870, 0.3474, 0.3211



62.8426, 0.3578, 0.3192



67.3311, 0.3006, 0.3661



13.7341, 0.3268, 0.3255



9.3016, 0.6185, 0.3181



0.6554, 0.5806, 0.2972

Previews

White Background



This preview shows how the Yxy color 52.5819, 0.3094, 0.2775 looks on a white background.

Color Contrast Check

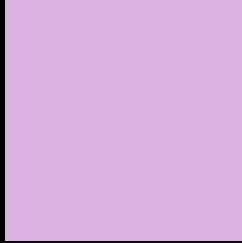
Large Text (above 18pt) WCAG AA × Fail

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 52.5819, 0.3094, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

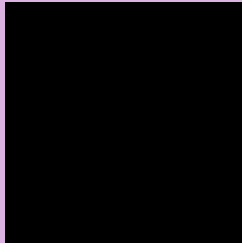
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5819, 0.3094, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 52.5819, 0.3094, 0.2775.



This preview shows how white text looks on a background with the Yxy color 52.5819, 0.3094, 0.2775.

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

52.5819, 0.3094, 0.2775

Protanopia

52.7774, 0.2772, 0.2779

Deuteranopia

52.6041, 0.2933, 0.2865



Tritanopia

52.6543, 0.3270, 0.3127

Trichromacy



Original Color

52.5819, 0.3094, 0.2775

Protanomaly

52.5667, 0.2885, 0.2777

Deuteranomaly

52.5002, 0.2988, 0.2827

Tritanomaly

52.4570, 0.3200, 0.2990

Monochromacy



Original Color

52.5819, 0.3094, 0.2775

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1693, 0.3112, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5819, 0.3094, 0.2775 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, 179, 225)` looks like.

```
.text, #text, p{  
    color:rgb(218, 179, 225)  
}
```

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, 179, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 179, 225) }
```

Border

The CSS property to change the border of an element to Yxy 52.5819, 0.3094, 0.2775 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, 179, 225) }
```

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

```
.border{ border-color:rgb(218, 179, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 179, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 179, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 179, 225);  
box-shadow:4px 4px 4px 4px rgb(218, 179,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5819, 0.3094, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 179, 225) }
```

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

```
.background{ background-color: rgb(218,  
179, 225) }
```

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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