

Converting Colors

$Y_{xy}(44.0692, 0.3282, 0.2928)$

Have a look what the booklet for
Yxy(44.0692, 0.3282, 0.2928)
contains.

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Color

Yxy(44.0013, 0.3282, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	D1A4C2
RGB	209, 164, 194
RGB Percent	82%, 64%, 76%
CMY	0.1804, 0.3568, 0.2393
CMYK	0.00, 0.22, 0.07, 0.18
HSL	320°, 33%, 73%
HSV	320°, 22%, 82%
XYZ	49.3043, 44.0013, 56.9208
YIQ	180.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

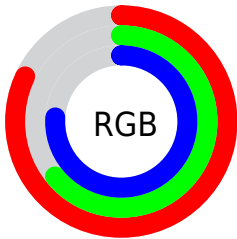
Format	Color
R _Y B	209, 164, 194
Decimal	13739202
CIE Lab	72.23, 21.45, -8.99
CIE LCh	72, 23.257, 337.248
Yxy	44.0013, 0.3282, 0.2929
Android (android.graphics.Color)	4291929282 (0xFFD1A4C2)
YUV	180.8750, 6.4706, 24.6656
Hunter-Lab	66.3335, 16.5917, -4.4433

Details

The Yxy color **44.0013, 0.3282, 0.2929** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.7476, 0.3000, 0.3681**, and the grayscale version is **46.0953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8252, 0.3177, 0.2987**, and **20.3518, 0.3328, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **36.8208, 0.3374, 0.2755**, and if you desaturate by 10%, it is **52.4297, 0.3203, 0.3101**.

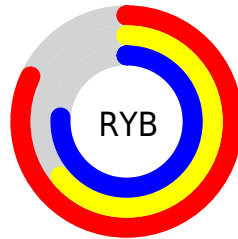
Distribution



Red (82%)

Green (64%)

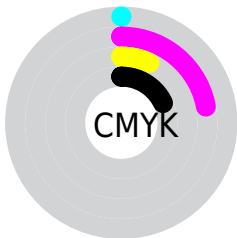
Blue (76%)



Red (82%)

Yellow (64%)

Blue (76%)

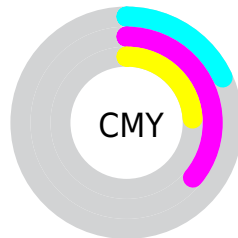


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (18%)



Cyan (18%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0013, 0.3282, 0.2929 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 44.0013, 0.3282, 0.2929 by changing the saturation by 10% instead.


 44.0013, 0.3282,
0.2929

 44.0013, 0.3282,
0.2929


362.7136, 0.3206,
0.3106

 30.6715, 0.3300,
0.2886


 81.2197, 0.3255,
0.2993

 20.3489, 0.3324,
0.2831


 105.8771, 0.3245,
0.3017

 12.6489, 0.3354,
0.2759

135.0792, 0.3236,
0.3037

 7.1872, 0.3396,
0.2661

169.2104, 0.3228,
0.3055

 3.5795, 0.3456,
0.2519

208.6550, 0.3222,
0.3070

 1.4412, 0.3550,
0.2295

253.7975, 0.3216,

 0.2468, 0.3985,

0.3083

0.1297

305.0222, 0.3211,
0.3095

0.0000, 0.0000,
0.0000

44.0013, 0.3282,
0.2929

44.0013, 0.3282,
0.2929

36.8208, 0.3374,
0.2755

52.4297, 0.3203,
0.3101

30.8220, 0.3480,
0.2584

62.1560, 0.3136,
0.3266

25.9417, 0.3600,
0.2424

73.2350, 0.3080,
0.3421

22.1084, 0.3733,
0.2287

85.7163, 0.3033,
0.3566

19.2421, 0.3874,
0.2183

90.7238, 0.2994,
0.3566

■ 17.2514, 0.4020,
0.2122

■ 91.1211, 0.2956,
0.3491

■ 16.0268, 0.4165,
0.2111

■ 91.5342, 0.2919,
0.3416

■ 15.4255, 0.4286,
0.2135

■ 91.9633, 0.2882,
0.3343

■ 92.2945, 0.2855,
0.3289

Harmonies

Analogous

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



44.0013, 0.2947, 0.2780



44.0013, 0.3282, 0.2929



44.0013, 0.3588, 0.3163

Triad

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



44.0013, 0.3282, 0.2929



44.0013, 0.3581, 0.3856



44.0013, 0.2527, 0.3088

Complementary

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



44.0013, 0.3282, 0.2929



56.7476, 0.3000, 0.3681

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.



44.0013, 0.2679, 0.3400



44.0013, 0.3282, 0.2929



44.0013, 0.3282, 0.3866

Square

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



44.0013, 0.3282, 0.2929



44.0013, 0.3762, 0.3690



44.0013, 0.2952, 0.3696



44.0013, 0.2526, 0.2856

Rectangle

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



44.0013, 0.3282, 0.2929



44.0013, 0.3726, 0.3345



44.0013, 0.2952, 0.3696



44.0013, 0.2562, 0.3187

Sweetspot

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



44.0033, 0.3282, 0.2929



90.2991, 0.3165, 0.3192



40.7421, 0.2892, 0.2716



19.1117, 0.3170, 0.3181



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.



44.0033, 0.3282, 0.2929



63.4020, 0.3324, 0.2846



43.0688, 0.3488, 0.3198



11.9392, 0.3188, 0.3136



9.5304, 0.4266, 0.2124



0.5473, 0.4025, 0.1991

Inverse Universe

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



44.0033, 0.3282, 0.2929



63.4020, 0.3324, 0.2846



57.7324, 0.2856, 0.3384



11.9392, 0.3188, 0.3136



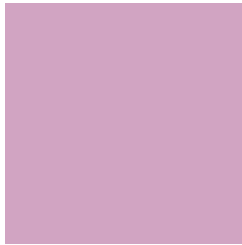
9.5304, 0.4266, 0.2124



0.5473, 0.4025, 0.1991

Previews

White Background



This preview shows how the Yxy color 44.0013, 0.3282, 0.2929 looks on a white background.

Color Contrast Check

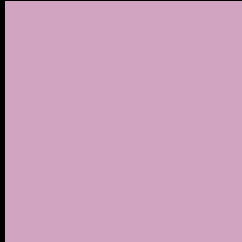
Large Text (above 18pt) WCAG AA × Fail

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 44.0013, 0.3282, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

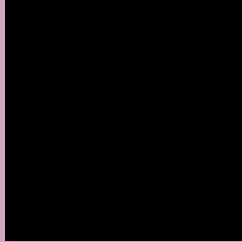
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0013, 0.3282, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 44.0013, 0.3282, 0.2929.



This preview shows how white text looks on a background with the Yxy color 44.0013, 0.3282, 0.2929.

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

44.0013, 0.3282, 0.2929

Protanopia

44.1992, 0.2900, 0.2952

Deuteranopia

44.0022, 0.3104, 0.3035



Tritanopia

44.1575, 0.3394, 0.3143

Trichromacy



Original Color

44.0013, 0.3282, 0.2929

Protanomaly

44.0677, 0.3030, 0.2947

Deuteranomaly

43.9620, 0.3168, 0.2990

Tritanomaly

44.1430, 0.3360, 0.3070

Monochromacy



Original Color

44.0013, 0.3282, 0.2929

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.2815, 0.3178, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0013, 0.3282, 0.2929 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(209, 164, 194)` looks like.

```
.text, #text, p{  
    color:rgb(209, 164, 194)  
}
```

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(209, 164, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 164, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.0013, 0.3282, 0.2929 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(209, 164, 194) }
```

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

```
.border{ border-color:rgb(209, 164, 194) }
```

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

Here you see how a box with a 4 pixel rgb(209, 164, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 164, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 164, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 164,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0013, 0.3282, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 164, 194) }
```

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

```
.background{ background-color: rgb(209,  
164, 194) }
```

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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