

Converting Colors

$Y_{xy}(44.6032, 0.3294, 0.2784)$

Have a look what the booklet for
Yxy(44.6032, 0.3294, 0.2784)
contains.

Yxy(44.5613, 0.3289, 0.2782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.5613, 0.3289, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	DBA0CC
RGB	219, 160, 204
RGB Percent	86%, 63%, 80%
CMY	0.1411, 0.3725, 0.2001
CMYK	0.00, 0.27, 0.07, 0.14
HSL	315°, 45%, 74%
HSV	315°, 27%, 86%
XYZ	52.6823, 44.5613, 62.9336
YIQ	182.6570, 21.0400, 26.1920

Conversions

Conversions Part 2

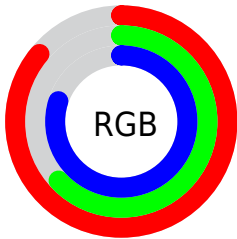
Format	Color
R _Y B	219, 160, 204
Decimal	14393548
CIE Lab	72.60, 28.81, -13.84
CIE LCh	73, 31.964, 334.350
Yxy	44.5613, 0.3289, 0.2782
Android (android.graphics.Color)	4292583628 (0xFFDBA0CC)
YUV	182.6570, 10.5221, 31.8728
Hunter-Lab	66.7543, 24.0518, -9.1686

Details

The Yxy color **44.5613, 0.3289, 0.2782** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.2385, 0.2998, 0.3859**, and the grayscale version is **47.0899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **20.7137, 0.3323, 0.2650** is the 20% darker color. If you saturate the color by 10%, you get **37.3638, 0.3367, 0.2590**, and if you desaturate by 10%, it is **53.1099, 0.3221, 0.2975**.

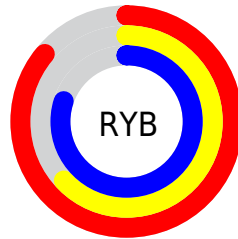
Distribution



Red (86%)

Green (63%)

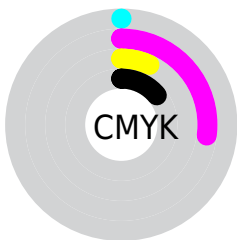
Blue (80%)



Red (86%)

Yellow (63%)

Blue (80%)

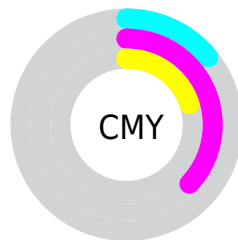


Cyan (0%)

Magenta (27%)

Yellow (7%)

Black (14%)



Cyan (14%)


Magenta (37%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5613, 0.3289, 0.2782 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 44.5613, 0.3289, 0.2782 by changing the saturation by 10% instead.


 44.5613, 0.3289,
0.2782


 44.5613, 0.3289,
0.2782


364.9939, 0.3212,
0.3027

 31.1120, 0.3307,
0.2724


 82.0617, 0.3262,
0.2869

 20.6842, 0.3329,
0.2650


 106.8816, 0.3252,
0.2902

 12.8933, 0.3357,
0.2555


136.2605, 0.3243,
0.2931

 7.3551, 0.3395,
0.2426

170.5828, 0.3235,
0.2955

 3.6852, 0.3446,
0.2245

210.2329, 0.3228,
0.2977

 1.4991, 0.3519,
0.1972

255.5952, 0.3222,

 0.2881, 0.3802,

0.2995

0.1112

307.0541, 0.3217,
0.3012

0.0000, 0.0000,
0.0000

44.5613, 0.3289,
0.2782

44.5613, 0.3289,
0.2782

37.3638, 0.3367,
0.2590

53.1099, 0.3221,
0.2975

31.4411, 0.3453,
0.2408

63.0688, 0.3163,
0.3164

26.7185, 0.3549,
0.2245

74.5009, 0.3113,
0.3344

23.1112, 0.3650,
0.2111

87.4634, 0.3071,
0.3514

20.5230, 0.3755,
0.2016

92.4007, 0.3037,
0.3529

■ 18.8414, 0.3859,
0.1968

■ 92.7227, 0.3006,
0.3470

■ 17.9200, 0.3959,
0.1967

■ 93.0549, 0.2976,
0.3412

■ 17.7129, 0.3990,
0.1972

■ 93.3973, 0.2946,
0.3354

■ 93.7501, 0.2916,
0.3297

Harmonies

Analogous

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



44.5613, 0.2837, 0.2599



44.5613, 0.3289, 0.2782



44.5613, 0.3723, 0.3080

Triad

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



44.5613, 0.3289, 0.2782



44.5613, 0.3772, 0.4045



44.5613, 0.2332, 0.3041

Complementary

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



44.5613, 0.3289, 0.2782



61.2385, 0.2998, 0.3859

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.



44.5613, 0.2547, 0.3480



44.5613, 0.3289, 0.2782



44.5613, 0.3371, 0.4101

Square

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



44.5613, 0.3289, 0.2782



44.5613, 0.4007, 0.3789



44.5613, 0.2923, 0.3891



44.5613, 0.2313, 0.2718

Rectangle

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



44.5613, 0.3289, 0.2782



44.5613, 0.3929, 0.3316



44.5613, 0.2923, 0.3891



44.5613, 0.2382, 0.3180

Sweetspot

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



44.5633, 0.3289, 0.2782



87.3375, 0.3169, 0.3143



39.3443, 0.2779, 0.2544



18.2166, 0.3177, 0.3115



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.



44.5633, 0.3289, 0.2782



57.2531, 0.3329, 0.2679



43.2905, 0.3562, 0.3115



13.2152, 0.3176, 0.3117



10.5205, 0.3976, 0.1964



0.6952, 0.3824, 0.1880

Inverse Universe

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



44.5633, 0.3289, 0.2782



57.2531, 0.3329, 0.2679



62.5137, 0.2821, 0.3474



13.2152, 0.3176, 0.3117



10.5205, 0.3976, 0.1964



0.6952, 0.3824, 0.1880

Previews

White Background



This preview shows how the Yxy color 44.5613, 0.3289, 0.2782 looks on a white background.

Color Contrast Check

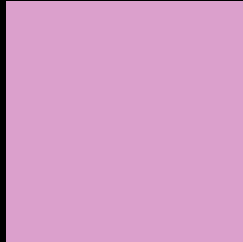
Large Text (above 18pt) WCAG AA × Fail

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 44.5613, 0.3289, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

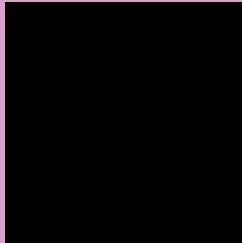
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5613, 0.3289, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 44.5613, 0.3289, 0.2782.



This preview shows how white text looks on a background with the Yxy color 44.5613, 0.3289, 0.2782.

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

44.5613, 0.3289, 0.2782

Protanopia

44.8966, 0.2784, 0.2805

Deuteranopia

44.8034, 0.3006, 0.2948



Tritanopia

44.6835, 0.3501, 0.3147

Trichromacy



Original Color

44.5613, 0.3289, 0.2782

Protanomaly

44.5203, 0.2954, 0.2794

Deuteranomaly

44.5105, 0.3102, 0.2884

Tritanomaly

44.5340, 0.3421, 0.3006

Monochromacy



Original Color

44.5613, 0.3289, 0.2782

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.1573, 0.3180, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5613, 0.3289, 0.2782 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(219, 160, 204)` looks like.

```
.text, #text, p{  
    color:rgb(219, 160, 204)  
}
```

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(219, 160, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 160, 204) }
```

Border

The CSS property to change the border of an element to Yxy 44.5613, 0.3289, 0.2782 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(219, 160, 204) }
```

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

```
.border{ border-color:rgb(219, 160, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 160, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 160, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 160, 204);  
box-shadow:4px 4px 4px 4px rgb(219, 160,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5613, 0.3289, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 160, 204) }
```

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

```
.background{ background-color: rgb(219,  
160, 204) }
```

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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