

Converting Colors

Yxy(44.7681, 0.3291, 0.2840)

Have a look what the booklet for
Yxy(44.7681, 0.3291, 0.2840)
contains.

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Color

Yxy(44.6566, 0.3286, 0.2834)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D8A2C9 |
| RGB | 216, 162, 201 |
| RGB Percent | 85%, 64%, 79% |
| CMY | 0.1530, 0.3647, 0.2118 |
| CMYK | 0.00, 0.25, 0.07, 0.15 |
| HSL | 317°, 41%, 74% |
| HSV | 317°, 25%, 85% |
| XYZ | 51.7790, 44.6566, 61.1389 |
| YIQ | 182.5920, 19.6650, 23.5770 |

Conversions

Conversions Part 2

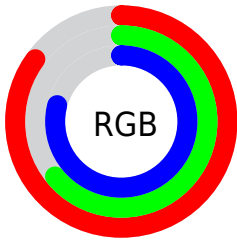
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 216, 162, 201 |
| Decimal | 14197449 |
| CIE Lab | 72.67, 26.18, -12.13 |
| CIE LCh | 73, 28.854, 335.144 |
| Yxy | 44.6566, 0.3286, 0.2834 |
| Android (android.graphics.Color) | 4292387529 (0xFFD8A2C9) |
| YUV | 182.5920, 9.0751, 29.2988 |
| Hunter-Lab | 66.8256, 21.3637, -7.4666 |

Details

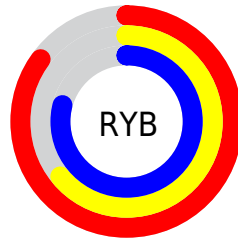
The Yxy color **44.6566, 0.3286, 0.2834** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.9667, 0.2999, 0.3794**, and the grayscale version is **47.0610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **20.8355, 0.3332, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **37.4136, 0.3368, 0.2647**, and if you desaturate by 10%, it is **53.2215, 0.3215, 0.3021**.

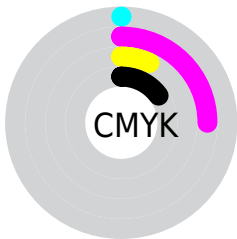
Distribution



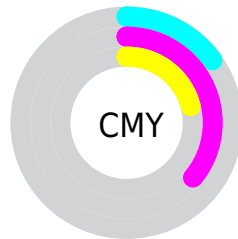
- Red (85%)
- Green (64%)
- Blue (79%)



- Red (85%)
- Yellow (64%)
- Blue (79%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6566, 0.3286, 0.2834 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 44.6566, 0.3286, 0.2834 by changing the saturation by 10% instead.


 44.6566, 0.3286,
0.2834


 44.6566, 0.3286,
0.2834


365.3810, 0.3210,
0.3055

 31.1870, 0.3304,
0.2781


 82.2049, 0.3259,
0.2913

 20.7413, 0.3326,
0.2714


 107.0523, 0.3249,
0.2943

 12.9350, 0.3355,
0.2627

136.4613, 0.3240,
0.2968

 7.3838, 0.3394,
0.2509

170.8160, 0.3232,
0.2990

 3.7033, 0.3448,
0.2342

210.5009, 0.3226,
0.3010

 1.5090, 0.3528,
0.2086

255.9005, 0.3220,

 0.2951, 0.3840,

0.3027

0.1229

307.3990, 0.3215,
0.3042

0.0000, 0.0000,
0.0000

44.6566, 0.3286,
0.2834

44.6566, 0.3286,
0.2834

37.4136, 0.3368,
0.2647

53.2215, 0.3215,
0.3021

31.4198, 0.3460,
0.2467

63.1646, 0.3154,
0.3203

26.6042, 0.3563,
0.2303

74.5460, 0.3102,
0.3375

22.8865, 0.3673,
0.2166

87.4206, 0.3059,
0.3537

20.1763, 0.3789,
0.2067

91.8884, 0.3024,
0.3540

■ 18.3684, 0.3905,
0.2013

■ 92.2337, 0.2991,
0.3476

■ 17.3346, 0.4019,
0.2008

■ 92.5907, 0.2958,
0.3413

■ 16.9964, 0.4075,
0.2018

■ 92.9596, 0.2926,
0.3350

■ 93.3382, 0.2894,
0.3289

Harmonies

Analogous

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



44.6566, 0.2876, 0.2663



44.6566, 0.3286, 0.2834



44.6566, 0.3674, 0.3110

Triad

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



44.6566, 0.3286, 0.2834



44.6566, 0.3704, 0.3977



44.6566, 0.2402, 0.3059

Complementary

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



44.6566, 0.3286, 0.2834



59.9667, 0.2999, 0.3794

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.



44.6566, 0.2595, 0.3452



44.6566, 0.3286, 0.2834



44.6566, 0.3340, 0.4016

Square

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



44.6566, 0.3286, 0.2834



44.6566, 0.3919, 0.3754



44.6566, 0.2934, 0.3820



44.6566, 0.2389, 0.2768

Rectangle

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



44.6566, 0.3286, 0.2834



44.6566, 0.3855, 0.3326



44.6566, 0.2934, 0.3820



44.6566, 0.2447, 0.3184

Sweetspot

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



44.6586, 0.3286, 0.2834



88.8197, 0.3166, 0.3166



40.0792, 0.2816, 0.2606



18.8152, 0.3169, 0.3155



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.



44.6586, 0.3286, 0.2834



59.2251, 0.3328, 0.2735



43.5220, 0.3530, 0.3139



12.5711, 0.3180, 0.3123



10.0798, 0.4058, 0.2009



0.6217, 0.3879, 0.1910

Inverse Universe

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



44.6586, 0.3286, 0.2834



59.2251, 0.3328, 0.2735



61.1224, 0.2836, 0.3447



12.5711, 0.3180, 0.3123



10.0798, 0.4058, 0.2009



0.6217, 0.3879, 0.1910

Previews

White Background



This preview shows how the Yxy color 44.6566, 0.3286, 0.2834 looks on a white background.

Color Contrast Check

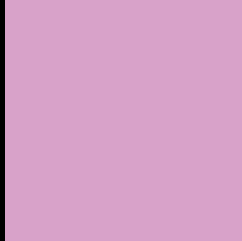
Large Text (above 18pt) WCAG AA × Fail

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 44.6566, 0.3286, 0.2834 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 44.6566, 0.3286, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 44.6566, 0.3286, 0.2834.



This preview shows how white text looks on a background with the Yxy color 44.6566, 0.3286, 0.2834.

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

44.6566, 0.3286, 0.2834

Protanopia

44.9181, 0.2827, 0.2854

Deuteranopia

44.9604, 0.3038, 0.2974



Tritanopia

44.6732, 0.3452, 0.3134

Trichromacy



Original Color

44.6566, 0.3286, 0.2834

Protanomaly

44.7014, 0.2985, 0.2854

Deuteranomaly

44.9253, 0.3127, 0.2921

Tritanomaly

44.7943, 0.3390, 0.3027

Monochromacy



Original Color

44.6566, 0.3286, 0.2834

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.9798, 0.3180, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6566, 0.3286, 0.2834 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(216, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(216, 162, 201)  
}
```

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(216, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 162, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.6566, 0.3286, 0.2834 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(216, 162, 201) }
```

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

```
.border{ border-color:rgb(216, 162, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 162, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(216, 162,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6566, 0.3286, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 162, 201) }
```

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

```
.background{ background-color: rgb(216,  
162, 201) }
```

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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