

Converting Colors

$Yxy(44.4635, 0.3307, 0.2889)$

Have a look what the booklet for
Yxy(44.4635, 0.3307, 0.2889)
contains.

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Color

Yxy(44.5217, 0.3302, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	D6A3C5
RGB	214, 163, 197
RGB Percent	84%, 64%, 77%
CMY	0.1608, 0.3607, 0.2274
CMYK	0.00, 0.24, 0.08, 0.16
HSL	320°, 38%, 74%
HSV	320°, 24%, 84%
XYZ	50.9040, 44.5217, 58.7353
YIQ	182.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

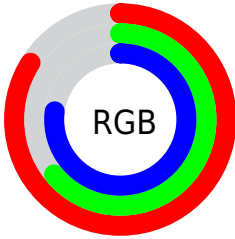
Format	Color
R _Y B	214, 163, 197
Decimal	14066629
CIE Lab	72.58, 24.25, -10.09
CIE LCh	73, 26.269, 337.408
Yxy	44.5217, 0.3302, 0.2888
Android (android.graphics.Color)	4292256709 (0xFFD6A3C5)
YUV	182.1250, 7.3334, 27.9544
Hunter-Lab	66.7246, 19.4090, -5.4837

Details

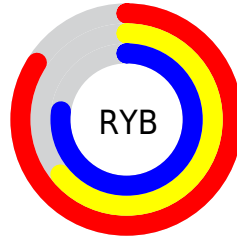
The Yxy color **44.5217, 0.3302, 0.2888** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.1693, 0.2987, 0.3729**, and the grayscale version is **46.8028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5586, 0.3151, 0.2940**, and **20.7230, 0.3355, 0.2788** is the 20% darker color. If you saturate the color by 10%, you get **37.2371, 0.3397, 0.2713**, and if you desaturate by 10%, it is **53.1114, 0.3220, 0.3061**.

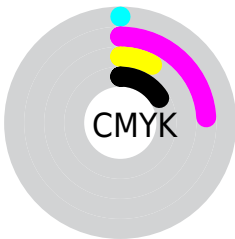
Distribution



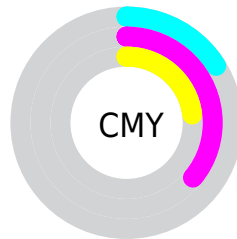
- Red (84%)
- Green (64%)
- Blue (77%)



- Red (84%)
- Yellow (64%)
- Blue (77%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5217, 0.3302, 0.2888 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 44.5217, 0.3302, 0.2888 by changing the saturation by 10% instead.

 44.5217, 0.3302,
0.2888


 44.5217, 0.3302,
0.2888


364.8330, 0.3217,
0.3084

 31.0809, 0.3322,
0.2841


 82.0022, 0.3272,
0.2958

 20.6604, 0.3348,
0.2781

 106.8107, 0.3260,
0.2985

 12.8760, 0.3382,
0.2702


136.1771, 0.3250,
0.3007

 7.3432, 0.3428,
0.2596

170.4859, 0.3242,
0.3027

 3.6777, 0.3493,
0.2443

210.1215, 0.3234,
0.3044

 1.4949, 0.3594,
0.2206

255.4683, 0.3228,

 0.2852, 0.3987,

0.3059

0.1317

306.9107, 0.3222,
0.3072

0.0000, 0.0000,
0.0000

44.5217, 0.3302,
0.2888

44.5217, 0.3302,
0.2888

37.2371, 0.3397,
0.2713

53.1114, 0.3220,
0.3061

31.1867, 0.3507,
0.2544

63.0607, 0.3151,
0.3228

26.3021, 0.3630,
0.2389


74.4279, 0.3092,
0.3387

22.5056, 0.3764,
0.2258

87.2665, 0.3043,
0.3534

19.7100, 0.3907,
0.2163


91.6774, 0.3003,
0.3523

 17.8146, 0.4054,
0.2113


 92.0924, 0.2964,
0.3447

 16.6974, 0.4198,
0.2115

 92.5240, 0.2926,
0.3373

 16.2681, 0.4286,
0.2135

 92.9724, 0.2888,
0.3299

 93.0342, 0.2883,
0.3289

Harmonies

Analogous

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



44.5217, 0.2925, 0.2722



44.5217, 0.3302, 0.2888



44.5217, 0.3647, 0.3148

Triad

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



44.5217, 0.3302, 0.2888



44.5217, 0.3634, 0.3927



44.5217, 0.2456, 0.3058

Complementary

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



44.5217, 0.3302, 0.2888



59.1693, 0.2987, 0.3729

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.



44.5217, 0.2623, 0.3411



44.5217, 0.3302, 0.2888



44.5217, 0.3296, 0.3942

Square

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



44.5217, 0.3302, 0.2888



44.5217, 0.3841, 0.3737



44.5217, 0.2926, 0.3749



44.5217, 0.2456, 0.2800

Rectangle

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



44.5217, 0.3302, 0.2888



44.5217, 0.3803, 0.3349



44.5217, 0.2926, 0.3749



44.5217, 0.2493, 0.3169

Sweetspot

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



44.5237, 0.3302, 0.2888



88.7581, 0.3172, 0.3175



40.6545, 0.2854, 0.2646



18.8009, 0.3176, 0.3165



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.



44.5237, 0.3302, 0.2888



60.0616, 0.3352, 0.2792



43.4846, 0.3530, 0.3178



12.5591, 0.3188, 0.3136



9.8544, 0.4266, 0.2123



0.6094, 0.4038, 0.1998

Inverse Universe

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



44.5237, 0.3302, 0.2888



60.0616, 0.3352, 0.2792



60.2647, 0.2833, 0.3406



12.5591, 0.3188, 0.3136



9.8544, 0.4266, 0.2123



0.6094, 0.4038, 0.1998

Previews

White Background



This preview shows how the Yxy color 44.5217, 0.3302, 0.2888 looks on a white background.

Color Contrast Check

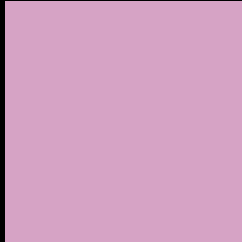
Large Text (above 18pt) WCAG AA × Fail

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 44.5217, 0.3302, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

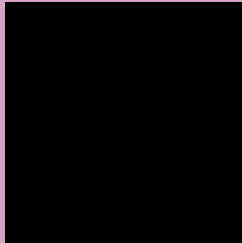
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5217, 0.3302, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 44.5217, 0.3302, 0.2888.



This preview shows how white text looks on a background with the Yxy color 44.5217, 0.3302, 0.2888.

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

44.5217, 0.3302, 0.2888

Protanopia

44.7847, 0.2871, 0.2916

Deuteranopia

44.5186, 0.3079, 0.3011



Tritanopia

44.5242, 0.3443, 0.3133

Trichromacy



Original Color

44.5217, 0.3302, 0.2888

Protanomaly

44.5082, 0.3016, 0.2901

Deuteranomaly

44.2318, 0.3152, 0.2955

Tritanomaly

44.6016, 0.3390, 0.3038

Monochromacy



Original Color

44.5217, 0.3302, 0.2888

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7171, 0.3196, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5217, 0.3302, 0.2888 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(214, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(214, 163, 197)  
}
```

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(214, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 163, 197) }
```

Border

The CSS property to change the border of an element to Yxy 44.5217, 0.3302, 0.2888 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(214, 163, 197) }
```

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

```
.border{ border-color:rgb(214, 163, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 163, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(214, 163,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5217, 0.3302, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 163, 197) }
```

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

```
.background{ background-color: rgb(214,  
163, 197) }
```

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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