

Converting Colors

$Y_{xy}(44.4375, 0.2977, 0.2683)$

Have a look what the booklet for
Yxy(44.4375, 0.2977, 0.2683)
contains.

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Color

Yxy(44.5175, 0.2983, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	C5A7D9
RGB	197, 167, 217
RGB Percent	77%, 65%, 85%
CMY	0.2274, 0.3451, 0.1492
CMYK	0.09, 0.23, 0.00, 0.15
HSL	276°, 40%, 75%
HSV	276°, 23%, 85%
XYZ	49.3664, 44.5175, 71.6086
YIQ	181.6700, 1.8300, 21.9100

Conversions

Conversions Part 2

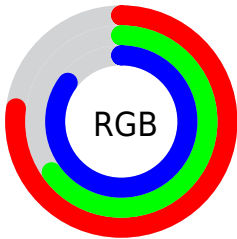
Format	Color
RYB	197, 167, 217
Decimal	12953561
CIELab	72.57, 20.13, -21.21
CIELCh	73, 29.248, 313.505
Yxy	44.5175, 0.2983, 0.2690
Android (android.graphics.Color)	4291143641 (0xFFC5A7D9)
YUV	181.6700, 17.4177, 13.4444
Hunter-Lab	66.7214, 15.3076, -16.9279

Details

The Yxy color $44.5175, 0.2983, 0.2690$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $62.9548, 0.3243, 0.3906$, and the grayscale version is $46.4941, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5334, 0.3135, 0.2969$, and $20.7097, 0.2939, 0.2538$ is the 20% darker color. If you saturate the color by 10%, you get $36.0889, 0.2903, 0.2408$, and if you desaturate by 10%, it is $54.3506, 0.3052, 0.2962$.

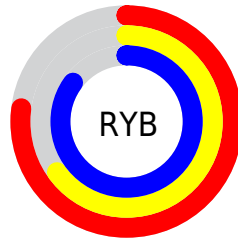
Distribution



Red (77%)

Green (65%)

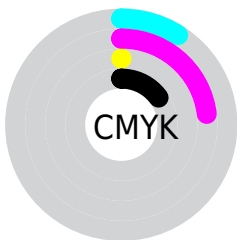
Blue (85%)



Red (77%)

Yellow (65%)

Blue (85%)

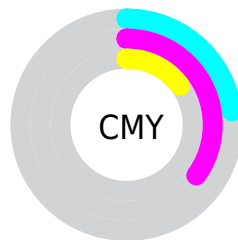


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (15%)



Cyan (23%)


Magenta (35%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5175, 0.2983, 0.2690 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 44.5175, 0.2983, 0.2690 by changing the saturation by 10% instead.


 44.5175, 0.2983,
0.2690


 44.5175, 0.2983,
0.2690


364.8159, 0.3060,
0.2979

 31.0776, 0.2963,
0.2621


 81.9959, 0.3012,
0.2792

 20.6579, 0.2936,
0.2535


 106.8031, 0.3022,
0.2832

 12.8742, 0.2900,
0.2424


136.1682, 0.3031,
0.2865

 7.3420, 0.2848,
0.2275

170.4756, 0.3038,
0.2894

 3.6769, 0.2768,
0.2067

210.1097, 0.3045,
0.2919

 1.4945, 0.2633,
0.1759

255.4548, 0.3050,

 0.2849, 0.2458,

0.2942

0.0919

306.8954, 0.3055,
0.2961

0.0000, 0.0000,
0.0000

44.5175, 0.2983,
0.2690

44.5175, 0.2983,
0.2690

36.0889, 0.2903,
0.2408

54.3506, 0.3052,
0.2962

28.9917, 0.2813,
0.2122

65.6455, 0.3111,
0.3217

23.1542, 0.2714,
0.1845

78.4632, 0.3161,
0.3452

18.4959, 0.2608,
0.1588

92.8593, 0.3202,
0.3668

14.9265, 0.2500,
0.1365

95.1115, 0.3256,
0.3673

■ 12.3420, 0.2393,
0.1188

■ 96.6673, 0.3312,
0.3666

■ 10.6173, 0.2291,
0.1062

■ 97.7877, 0.3352,
0.3661

■ 9.7782, 0.2224,
0.0999

Harmonies

Analogous

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



44.5175, 0.2624, 0.2618



44.5175, 0.2983, 0.2690



44.5175, 0.3406, 0.2897

Triad

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



44.5175, 0.2983, 0.2690



44.5175, 0.3890, 0.3837



44.5175, 0.2516, 0.3339

Complementary

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



44.5175, 0.2983, 0.2690



62.9548, 0.3243, 0.3906

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.



44.5175, 0.2824, 0.3736



44.5175, 0.2983, 0.2690



44.5175, 0.3620, 0.4021

Square

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



44.5175, 0.2983, 0.2690



44.5175, 0.3950, 0.3533



44.5175, 0.3228, 0.3995



44.5175, 0.2369, 0.2959

Rectangle

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



44.5175, 0.2983, 0.2690



44.5175, 0.3663, 0.3090



44.5175, 0.3228, 0.3995



44.5175, 0.2603, 0.3477

Sweetspot

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



44.5194, 0.2983, 0.2690



87.8082, 0.3089, 0.3116



48.7596, 0.2758, 0.2910



18.5805, 0.3085, 0.3100



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.



44.5194, 0.2983, 0.2690



57.5822, 0.2943, 0.2543



47.1373, 0.3195, 0.2774



13.0020, 0.3075, 0.3055



5.9846, 0.2237, 0.1006



0.4373, 0.2393, 0.1092

Inverse Universe

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



45.9716, 0.3414, 0.3054



60.1343, 0.3499, 0.2998



60.8001, 0.3065, 0.3867



13.1373, 0.3229, 0.3197



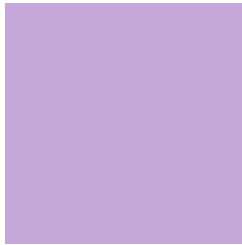
9.3627, 0.5370, 0.2732



0.6233, 0.4938, 0.2494

Previews

White Background



This preview shows how the Yxy color 44.5175, 0.2983, 0.2690 looks on a white background.

Color Contrast Check

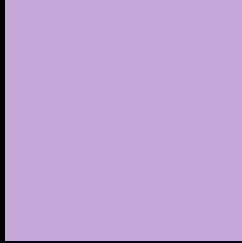
Large Text (above 18pt) WCAG AA × Fail

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 44.5175, 0.2983, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

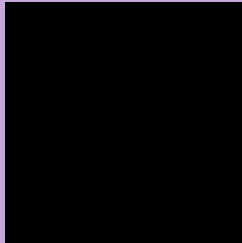
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5175, 0.2983, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 44.5175, 0.2983, 0.2690.



This preview shows how white text looks on a background with the Yxy color 44.5175, 0.2983, 0.2690.

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

44.5175, 0.2983, 0.2690

Protanopia

44.5939, 0.2707, 0.2696

Deuteranopia

44.5771, 0.2829, 0.2762



Tritanopia

44.6388, 0.3188, 0.3125

Trichromacy



Original Color

44.5175, 0.2983, 0.2690

Protanomaly

44.5726, 0.2801, 0.2693

Deuteranomaly

44.2740, 0.2883, 0.2732

Tritanomaly

44.6264, 0.3116, 0.2966

Monochromacy



Original Color

44.5175, 0.2983, 0.2690

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9492, 0.3069, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5175, 0.2983, 0.2690 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(197, 167, 217)` looks like.

```
.text, #text, p{  
    color:rgb(197, 167, 217)  
}
```

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(197, 167, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 167, 217) }
```

Border

The CSS property to change the border of an element to Yxy 44.5175, 0.2983, 0.2690 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(197, 167, 217) }
```

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

```
.border{ border-color:rgb(197, 167, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 167, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 167, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 167, 217);  
box-shadow:4px 4px 4px 4px rgb(197, 167,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5175, 0.2983, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 167, 217) }
```

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

```
.background{ background-color: rgb(197,  
167, 217) }
```

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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