

Converting Colors

$Y_{xy}(44.0525, 0.3115, 0.2890)$

Have a look what the booklet for
Yxy(44.0525, 0.3115, 0.2890)
contains.

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Color

Yxy(44.0457, 0.3119, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	C5A8C8
RGB	197, 168, 200
RGB Percent	77%, 66%, 78%
CMY	0.2275, 0.3412, 0.2157
CMYK	0.02, 0.16, 0.00, 0.22
HSL	294°, 23%, 72%
HSV	294°, 16%, 78%
XYZ	47.4537, 44.0457, 60.6446
YIQ	180.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

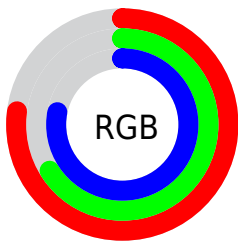
Format	Color
RYB	197, 168, 200
Decimal	12953800
CIELab	72.26, 16.23, -12.38
CIELCh	72, 20.414, 322.656
Yxy	44.0457, 0.3119, 0.2895
Android (android.graphics.Color)	4291143880 (0xFFC5A8C8)
YUV	180.3190, 9.7027, 14.6292
Hunter-Lab	66.3669, 11.4890, -7.7210

Details

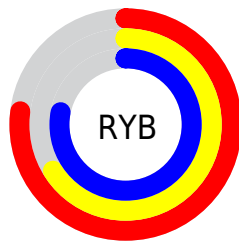
The Yxy color **44.0457, 0.3119, 0.2895** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7954, 0.3131, 0.3713**, and the grayscale version is **45.7672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0662, 0.3135, 0.2979**, and **20.4057, 0.3114, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **36.9701, 0.3111, 0.2641**, and if you desaturate by 10%, it is **52.2640, 0.3125, 0.3145**.

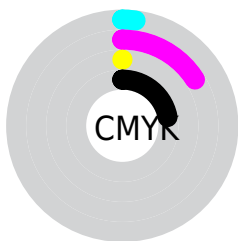
Distribution



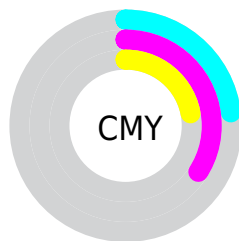
- Red (77%)
- Green (66%)
- Blue (78%)



- Red (77%)
- Yellow (66%)
- Blue (78%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)




- Cyan (23%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0457, 0.3119, 0.2895 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 44.0457, 0.3119, 0.2895 by changing the saturation by 10% instead.


 44.0457, 0.3119,
0.2895


 44.0457, 0.3119,
0.2895

362.8947, 0.3126,
0.3089

 30.7064, 0.3117,
0.2848


 81.2865, 0.3122,
0.2964

 20.3754, 0.3113,
0.2788

 105.9568, 0.3123,
0.2991

 12.6682, 0.3108,
0.2710


135.1730, 0.3124,
0.3013

 7.2005, 0.3100,
0.2603

169.3193, 0.3124,
0.3032

 3.5878, 0.3084,
0.2449

208.7803, 0.3125,
0.3049

 1.4458, 0.3053,
0.2207

253.9403, 0.3125,

 0.2501, 0.3119,

0.3064

0.1230

305.1836, 0.3125,
0.3077

0.0000, 0.0000,
0.0000

44.0457, 0.3119,
0.2895

44.0457, 0.3119,
0.2895

36.9701, 0.3111,
0.2641

52.2640, 0.3125,
0.3145

30.9798, 0.3100,
0.2389

61.6678, 0.3128,
0.3384

26.0208, 0.3086,
0.2149

72.3045, 0.3130,
0.3610

22.0326, 0.3069,
0.1931

84.2173, 0.3131,
0.3819

18.9479, 0.3050,
0.1744

88.8667, 0.3138,
0.3887

■ 16.6913, 0.3029,
0.1596

■ 89.1375, 0.3150,
0.3885

■ 15.1747, 0.3006,
0.1492

■ 89.4115, 0.3161,
0.3883

■ 14.2878, 0.2982,
0.1430

■ 89.6888, 0.3173,
0.3881

■ 14.0229, 0.2973,
0.1411

■ 89.9693, 0.3185,
0.3878

Harmonies

Analogous

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



44.0457, 0.2842, 0.2812



44.0457, 0.3119, 0.2895



44.0457, 0.3410, 0.3071

Triad

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



44.0457, 0.3119, 0.2895



44.0457, 0.3620, 0.3732



44.0457, 0.2648, 0.3244

Complementary

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



44.0457, 0.3119, 0.2895



52.7954, 0.3131, 0.3713

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.



44.0457, 0.2840, 0.3521



44.0457, 0.3119, 0.2895



44.0457, 0.3401, 0.3809

Square

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



44.0457, 0.3119, 0.2895



44.0457, 0.3707, 0.3543



44.0457, 0.3114, 0.3734



44.0457, 0.2580, 0.2997

Rectangle

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



44.0457, 0.3119, 0.2895



44.0457, 0.3569, 0.3222



44.0457, 0.3114, 0.3734



44.0457, 0.2699, 0.3337

Sweetspot

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



44.0476, 0.3119, 0.2895



91.9070, 0.3125, 0.3168



41.6987, 0.2871, 0.2908



19.4376, 0.3125, 0.3150



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.



44.0476, 0.3119, 0.2895



72.0360, 0.3117, 0.2812



43.8832, 0.3255, 0.3051



10.7641, 0.3123, 0.3061



8.9371, 0.2976, 0.1413



0.4383, 0.3028, 0.1442

Inverse Universe

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



43.2272, 0.3399, 0.3253



70.3758, 0.3468, 0.3245



52.9629, 0.3018, 0.3542



10.6528, 0.3275, 0.3269



7.8430, 0.6282, 0.3234



0.3770, 0.5918, 0.3034

Previews

White Background



This preview shows how the Yxy color 44.0457, 0.3119, 0.2895 looks on a white background.

Color Contrast Check

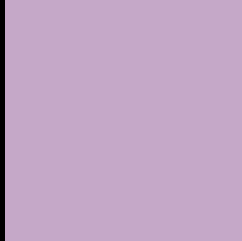
Large Text (above 18pt) WCAG AA × Fail

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 44.0457, 0.3119, 0.2895 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 44.0457, 0.3119, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 44.0457, 0.3119, 0.2895.



This preview shows how white text looks on a background with the Yxy color 44.0457, 0.3119, 0.2895.

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

44.0457, 0.3119, 0.2895

Protanopia

44.2291, 0.2870, 0.2914

Deuteranopia

44.2010, 0.3013, 0.2958



Tritanopia

44.1886, 0.3234, 0.3126

Trichromacy



Original Color

44.0457, 0.3119, 0.2895

Protanomaly

44.0227, 0.2957, 0.2907

Deuteranomaly

44.0682, 0.3056, 0.2937

Tritanomaly

44.2029, 0.3193, 0.3039

Monochromacy



Original Color

44.0457, 0.3119, 0.2895

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0776, 0.3125, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0457, 0.3119, 0.2895 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, 168, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 168, 200)  
}
```

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, 168, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 168, 200) }
```

Border

The CSS property to change the border of an element to Yxy 44.0457, 0.3119, 0.2895 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, 168, 200) }
```

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

```
.border{ border-color:rgb(197, 168, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 168, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 168, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 168, 200);  
box-shadow:4px 4px 4px 4px rgb(197, 168,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0457, 0.3119, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 168, 200) }
```

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

```
.background{ background-color: rgb(197,  
168, 200) }
```

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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