

Converting Colors

$Y_{xy}(45.3130, 0.3057, 0.2892)$

Have a look what the booklet for
Yxy(45.3130, 0.3057, 0.2892)
contains.

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Color

Yxy(45.3340, 0.3059, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACCC
RGB	194, 172, 204
RGB Percent	76%, 67%, 80%
CMY	0.2392, 0.3255, 0.2000
CMYK	0.05, 0.16, 0.00, 0.20
HSL	281°, 24%, 74%
HSV	281°, 16%, 80%
XYZ	47.9021, 45.3340, 63.3580
YIQ	182.2260, 2.8400, 14.6160

Conversions

Conversions Part 2

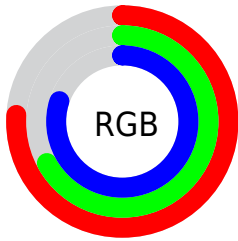
Format	Color
RYB	194, 172, 204
Decimal	12758220
CIELab	73.11, 13.80, -13.33
CIELCh	73, 19.189, 315.991
Yxy	45.3340, 0.3059, 0.2895
Android (android.graphics.Color)	4290948300 (0xFFC2ACCC)
YUV	182.2260, 10.7346, 10.3258
Hunter-Lab	67.3305, 9.1650, -8.6605

Details

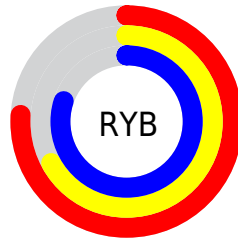
The Yxy color **45.3340, 0.3059, 0.2895** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.1143, 0.3185, 0.3698**, and the grayscale version is **46.8496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6674, 0.3113, 0.3017**, and **21.2104, 0.3032, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **37.3320, 0.3005, 0.2627**, and if you desaturate by 10%, it is **54.5681, 0.3105, 0.3151**.

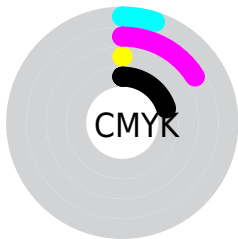
Distribution



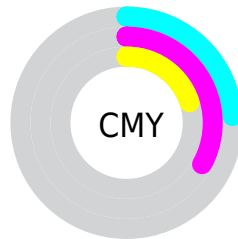
- Red (76%)
- Green (67%)
- Blue (80%)



- Red (76%)
- Yellow (67%)
- Blue (80%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3340, 0.3059, 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 45.3340, 0.3059, 0.2895 by changing the saturation by 10% instead.

 45.3340, 0.3059,
0.2895

 45.3340, 0.3059,
0.2895


368.1246, 0.3095,
0.3088

 31.7206, 0.3049,
0.2848

 83.2214, 0.3073,
0.2964

 21.1482, 0.3037,
0.2789


108.2642, 0.3078,
0.2990

 13.2324, 0.3019,
0.2712

137.8855, 0.3082,
0.3013

 7.5887, 0.2994,
0.2606

172.4698, 0.3085,
0.3032

 3.8329, 0.2954,
0.2454

212.4015, 0.3088,
0.3049

 1.5806, 0.2884,
0.2219

258.0649, 0.3091,

 0.3444, 0.2817,

0.3063

0.1461

309.8445, 0.3093,
0.3076

0.0000, 0.0000,
0.0000

45.3340, 0.3059,
0.2895

45.3340, 0.3059,
0.2895

37.3320, 0.3005,
0.2627

54.5681, 0.3105,
0.3151

30.5016, 0.2943,
0.2352

65.0797, 0.3143,
0.3391

24.7859, 0.2873,
0.2081

76.9189, 0.3174,
0.3613

20.1210, 0.2795,
0.1823

90.1313, 0.3199,
0.3815

16.4361, 0.2713,
0.1591

92.0291, 0.3239,
0.3822

■ 13.6516, 0.2628,
0.1397

■ 93.0780, 0.3280,
0.3815

■ 11.6751, 0.2543,
0.1247

■ 94.1656, 0.3321,
0.3808

■ 10.3925, 0.2462,
0.1146

■ 95.2924, 0.3363,
0.3801

■ 9.9594, 0.2428,
0.1111

■ 96.4586, 0.3406,
0.3794

Harmonies

Analogous

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



45.3340, 0.2813, 0.2841



45.3340, 0.3059, 0.2895



45.3340, 0.3334, 0.3043

Triad

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



45.3340, 0.3059, 0.2895



45.3340, 0.3617, 0.3671



45.3340, 0.2711, 0.3306

Complementary

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



45.3340, 0.3059, 0.2895



56.1143, 0.3185, 0.3698

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.



45.3340, 0.2912, 0.3556



45.3340, 0.3059, 0.2895



45.3340, 0.3436, 0.3768

Square

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



45.3340, 0.3059, 0.2895



45.3340, 0.3664, 0.3480



45.3340, 0.3177, 0.3730



45.3340, 0.2619, 0.3063

Rectangle

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



45.3340, 0.3059, 0.2895



45.3340, 0.3494, 0.3179



45.3340, 0.3177, 0.3730



45.3340, 0.2767, 0.3392

Sweetspot

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



45.3359, 0.3059, 0.2895



91.3855, 0.3107, 0.3167



46.6428, 0.2880, 0.3007



19.3105, 0.3104, 0.3149



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.



45.3359, 0.3059, 0.2895



70.1293, 0.3041, 0.2801



46.4278, 0.3194, 0.2973



11.2211, 0.3089, 0.3058



6.3192, 0.2439, 0.1117



0.3651, 0.2594, 0.1202

Inverse Universe

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



45.7214, 0.3332, 0.3167



70.9250, 0.3388, 0.3138



55.1703, 0.3067, 0.3629



11.2704, 0.3242, 0.3218



8.3260, 0.5698, 0.2913



0.4433, 0.5134, 0.2602

Previews

White Background



This preview shows how the Yxy color 45.3340, 0.3059, 0.2895 looks on a white background.

Color Contrast Check

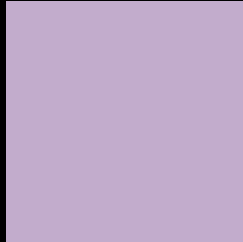
Large Text (above 18pt) WCAG AA × Fail

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 45.3340, 0.3059, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

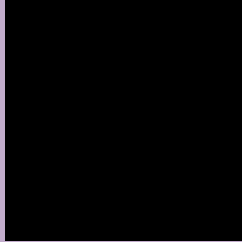
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3340, 0.3059, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 45.3340, 0.3059, 0.2895.



This preview shows how white text looks on a background with the Yxy color 45.3340, 0.3059, 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

45.3340, 0.3059, 0.2895

Protanopia

45.3935, 0.2865, 0.2906

Deuteranopia

45.4108, 0.2999, 0.2937



Tritanopia

45.4973, 0.3170, 0.3125

Trichromacy



Original Color

45.3340, 0.3059, 0.2895

Protanomaly

45.3794, 0.2927, 0.2898

Deuteranomaly

45.4027, 0.3024, 0.2927

Tritanomaly

45.5046, 0.3130, 0.3039

Monochromacy



Original Color

45.3340, 0.3059, 0.2895

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9976, 0.3100, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3340, 0.3059, 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(194, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 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(194, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 204) }
```

Border

The CSS property to change the border of an element to Yxy 45.3340, 0.3059, 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(194, 172, 204) }
```

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

```
.border{ border-color:rgb(194, 172, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3340, 0.3059, 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(194, 172, 204) }
```

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

```
.background{ background-color: rgb(194,  
172, 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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