

Converting Colors

$Yxy(45.0280, 0.3066, 0.2886)$

Have a look what the booklet for
Yxy(45.0280, 0.3066, 0.2886)
contains.

Yxy(45.0876, 0.3068, 0.2884)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.0876, 0.3068, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	C3ABCC
RGB	195, 171, 204
RGB Percent	76%, 67%, 80%
CMY	0.2353, 0.3294, 0.2001
CMYK	0.04, 0.16, 0.00, 0.20
HSL	284°, 24%, 74%
HSV	284°, 16%, 80%
XYZ	47.9642, 45.0876, 63.2852
YIQ	181.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

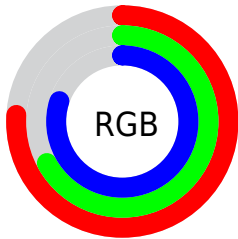
Format	Color
R_{YB}	195, 171, 204
Decimal	12823500
CIE _{Lab}	72.95, 14.67, -13.55
CIE _{LCh}	73, 19.968, 317.279
Yxy	45.0876, 0.3068, 0.2884
Android (android.graphics.Color)	4291013580 (0xFFC3ABCC)
YUV	181.9380, 10.8766, 11.4554
Hunter-Lab	67.1473, 9.9971, -8.8767

Details

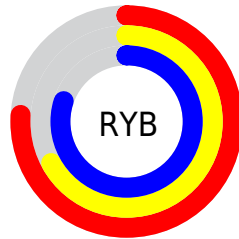
The Yxy color **45.0876, 0.3068, 0.2884** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.8165, 0.3176, 0.3712**, and the grayscale version is **46.6821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3082, 0.3120, 0.3007**, and **21.0584, 0.3044, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **37.2423, 0.3022, 0.2618**, and if you desaturate by 10%, it is **54.1534, 0.3107, 0.3140**.

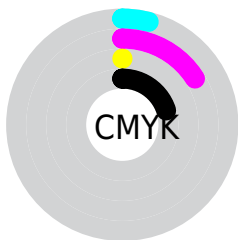
Distribution



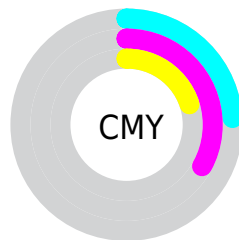
- Red (76%)
- Green (67%)
- Blue (80%)



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



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0876, 0.3068, 0.2884 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 45.0876, 0.3068, 0.2884 by changing the saturation by 10% instead.


 45.0876, 0.3068,
0.2884

 45.0876, 0.3068,
0.2884

367.1282, 0.3100,
0.3082

 31.5264, 0.3059,
0.2836


 82.8518, 0.3080,
0.2955

 21.0000, 0.3048,
0.2775


107.8237, 0.3085,
0.2982

 13.1240, 0.3032,
0.2696

137.3679, 0.3088,
0.3005

 7.5140, 0.3009,
0.2588

171.8689, 0.3091,
0.3025

 3.7856, 0.2972,
0.2432

211.7110, 0.3094,
0.3042

 1.5544, 0.2907,
0.2191

257.2787, 0.3096,

 0.3265, 0.2858,

0.3057

0.1396

308.9563, 0.3098,
0.3070

0.0000, 0.0000,
0.0000

45.0876, 0.3068,
0.2884

45.0876, 0.3068,
0.2884

37.2423, 0.3022,
0.2618

54.1534, 0.3107,
0.3140

30.5570, 0.2969,
0.2347

64.4851, 0.3139,
0.3380

24.9748, 0.2908,
0.2082

76.1327, 0.3165,
0.3603

20.4317, 0.2842,
0.1832

89.1419, 0.3186,
0.3808

16.8566, 0.2771,
0.1610

91.5307, 0.3219,
0.3825

■ 14.1698, 0.2697,
0.1425

■ 92.4265, 0.3255,
0.3820

■ 12.2783, 0.2623,
0.1286

■ 93.3516, 0.3291,
0.3814

■ 11.0648, 0.2552,
0.1193

■ 94.3062, 0.3327,
0.3808

■ 10.6934, 0.2525,
0.1164

■ 95.2905, 0.3364,
0.3802

Harmonies

Analogous

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



45.0876, 0.2809, 0.2823



45.0876, 0.3068, 0.2884



45.0876, 0.3354, 0.3041

Triad

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



45.0876, 0.3068, 0.2884



45.0876, 0.3632, 0.3693



45.0876, 0.2687, 0.3294

Complementary

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



45.0876, 0.3068, 0.2884



55.8165, 0.3176, 0.3712

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.



45.0876, 0.2892, 0.3558



45.0876, 0.3068, 0.2884



45.0876, 0.3438, 0.3791

Square

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



45.0876, 0.3068, 0.2884



45.0876, 0.3688, 0.3496



45.0876, 0.3166, 0.3745



45.0876, 0.2597, 0.3044

Rectangle

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



45.0876, 0.3068, 0.2884



45.0876, 0.3519, 0.3183



45.0876, 0.3166, 0.3745



45.0876, 0.2744, 0.3385

Sweetspot

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



45.0895, 0.3068, 0.2884



91.4805, 0.3111, 0.3167



45.8014, 0.2872, 0.2984



19.3336, 0.3108, 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.



45.0895, 0.3068, 0.2884



70.4704, 0.3055, 0.2803



45.9869, 0.3205, 0.2977



11.2442, 0.3095, 0.3059



6.7804, 0.2534, 0.1170



0.3861, 0.2672, 0.1245

Inverse Universe

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



45.2582, 0.3351, 0.3179



70.8218, 0.3402, 0.3157



55.0534, 0.3058, 0.3625



11.2630, 0.3248, 0.3227



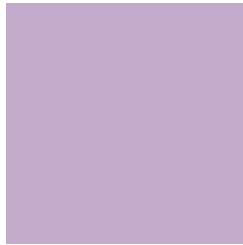
8.2706, 0.5838, 0.2990



0.4397, 0.5266, 0.2675

Previews

White Background



This preview shows how the Yxy color 45.0876, 0.3068, 0.2884 looks on a white background.

Color Contrast Check

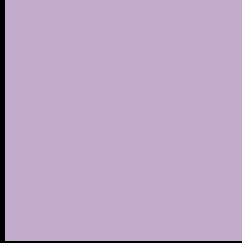
Large Text (above 18pt) WCAG AA × Fail

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 45.0876, 0.3068, 0.2884 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 45.0876, 0.3068, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 45.0876, 0.3068, 0.2884.



This preview shows how white text looks on a background with the Yxy color 45.0876, 0.3068, 0.2884.

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

45.0876, 0.3068, 0.2884

Protanopia

45.2791, 0.2857, 0.2905

Deuteranopia

45.2860, 0.2990, 0.2937



Tritanopia

45.0664, 0.3179, 0.3125

Trichromacy



Original Color

45.0876, 0.3068, 0.2884

Protanomaly

44.9887, 0.2927, 0.2885

Deuteranomaly

45.4027, 0.3024, 0.2927

Tritanomaly

45.0749, 0.3139, 0.3039

Monochromacy



Original Color

45.0876, 0.3068, 0.2884

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1233, 0.3109, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0876, 0.3068, 0.2884 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(195, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 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(195, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 204) }
```

Border

The CSS property to change the border of an element to Yxy 45.0876, 0.3068, 0.2884 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(195, 171, 204) }
```

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

```
.border{ border-color:rgb(195, 171, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 171, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(195, 171,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0876, 0.3068, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 204) }
```

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

```
.background{ background-color: rgb(195,  
171, 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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