

Converting Colors

$Yxy(44.7979, 0.3260, 0.2963)$

Have a look what the booklet for
Yxy(44.7979, 0.3260, 0.2963)
contains.

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Color

Yxy(44.7979, 0.3260, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	CFA7C2
RGB	207, 167, 194
RGB Percent	81%, 65%, 76%
CMY	0.1883, 0.3451, 0.2391
CMYK	0.00, 0.19, 0.06, 0.19
HSL	319°, 29%, 73%
HSV	319°, 19%, 81%
XYZ	49.2883, 44.7979, 57.1048
YIQ	182.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

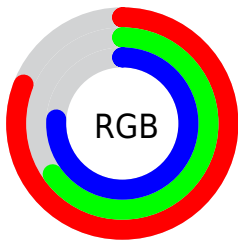
Format	Color
R_{YB}	207, 167, 194
Decimal	13608898
CIE _{Lab}	72.76, 19.12, -8.26
CIE _{LCh}	73, 20.829, 336.650
Yxy	44.7979, 0.3260, 0.2963
Android (android.graphics.Color)	4291798978 (0xFFCFA7C2)
YUV	182.0380, 5.8973, 21.8917
Hunter-Lab	66.9312, 14.3180, -3.7336

Details

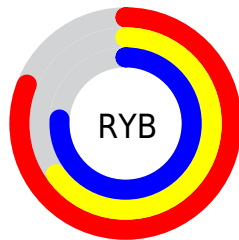
The Yxy color **44.7979, 0.3260, 0.2963** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.1298, 0.3015, 0.3641**, and the grayscale version is **46.7632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4047, 0.3175, 0.3017**, and **20.8303, 0.3297, 0.2884** is the 20% darker color. If you saturate the color by 10%, you get **37.5181, 0.3347, 0.2787**, and if you desaturate by 10%, it is **53.3091, 0.3186, 0.3136**.

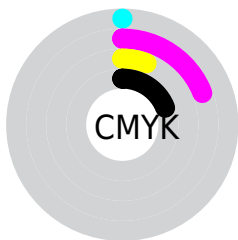
Distribution



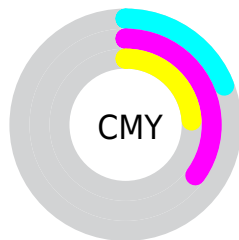
- Red (81%)
- Green (65%)
- Blue (76%)



- Red (81%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (19%)




- Cyan (19%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7979, 0.3260, 0.2963 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 44.7979, 0.3260, 0.2963 by changing the saturation by 10% instead.


 44.7979, 0.3260,
0.2963

 44.7979, 0.3260,
0.2963

365.9544, 0.3195,
0.3123

 31.2983, 0.3276,
0.2924


 82.4171, 0.3237,
0.3021

 20.8261, 0.3296,
0.2874


 107.3054, 0.3228,
0.3042

 12.9969, 0.3322,
0.2809


136.7587, 0.3220,
0.3061

 7.4264, 0.3357,
0.2720

171.1614, 0.3214,
0.3077

 3.7302, 0.3408,
0.2591

210.8980, 0.3208,
0.3091

 1.5238, 0.3489,
0.2387

256.3527, 0.3203,

 0.3054, 0.3839,

0.3103

0.1549

307.9101, 0.3199,
0.3114

0.0000, 0.0000,
0.0000

44.7979, 0.3260,
0.2963

44.7979, 0.3260,
0.2963

37.5181, 0.3347,
0.2787

53.3091, 0.3186,
0.3136

31.4059, 0.3447,
0.2612

63.0996, 0.3123,
0.3301

26.4008, 0.3560,
0.2447

74.2223, 0.3071,
0.3457

22.4344, 0.3685,
0.2303

86.7249, 0.3027,
0.3601

19.4308, 0.3820,
0.2188

90.3614, 0.2989,
0.3581

■ 17.3036, 0.3960,
0.2115

■ 90.7403, 0.2953,
0.3508

■ 15.9506, 0.4101,
0.2090

■ 91.1339, 0.2917,
0.3436

■ 15.1985, 0.4238,
0.2112

■ 91.5422, 0.2882,
0.3365

■ 15.1542, 0.4247,
0.2113

■ 91.9655, 0.2847,
0.3295

Harmonies

Analogous

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



44.7979, 0.2962, 0.2831



44.7979, 0.3260, 0.2963



44.7979, 0.3532, 0.3173

Triad

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



44.7979, 0.3260, 0.2963



44.7979, 0.3537, 0.3792



44.7979, 0.2592, 0.3118

Complementary

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



44.7979, 0.3260, 0.2963



56.1298, 0.3015, 0.3641

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.



44.7979, 0.2731, 0.3395



44.7979, 0.3260, 0.2963



44.7979, 0.3272, 0.3802

Square

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



44.7979, 0.3260, 0.2963



44.7979, 0.3694, 0.3646



44.7979, 0.2978, 0.3654



44.7979, 0.2588, 0.2907

Rectangle

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



44.7979, 0.3260, 0.2963



44.7979, 0.3657, 0.3336



44.7979, 0.2978, 0.3654



44.7979, 0.2624, 0.3206

Sweetspot

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



44.7999, 0.3260, 0.2963



90.3084, 0.3164, 0.3190



41.8077, 0.2914, 0.2779



19.1139, 0.3169, 0.3179



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.



44.7999, 0.3260, 0.2963



66.9536, 0.3293, 0.2893



43.9726, 0.3437, 0.3200



11.9411, 0.3187, 0.3134



9.5671, 0.4229, 0.2104



0.5491, 0.3997, 0.1975

Inverse Universe

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



44.7999, 0.3260, 0.2963



66.9536, 0.3293, 0.2893



56.9901, 0.2886, 0.3382



11.9411, 0.3187, 0.3134



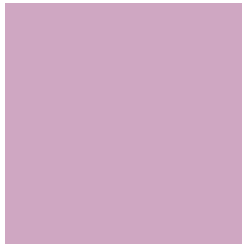
9.5671, 0.4229, 0.2104



0.5491, 0.3997, 0.1975

Previews

White Background



This preview shows how the Yxy color 44.7979, 0.3260, 0.2963 looks on a white background.

Color Contrast Check

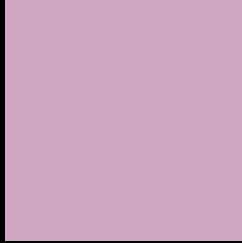
Large Text (above 18pt) WCAG AA × Fail

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 44.7979, 0.3260, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

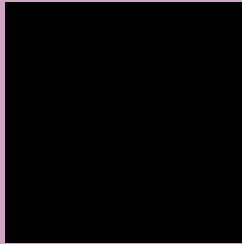
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7979, 0.3260, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 44.7979, 0.3260, 0.2963.



This preview shows how white text looks on a background with the Yxy color 44.7979, 0.3260, 0.2963.

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

44.7979, 0.3260, 0.2963

Protanopia

44.7753, 0.2924, 0.2979

Deuteranopia

45.0695, 0.3112, 0.3049



Tritanopia

44.7325, 0.3345, 0.3130

Trichromacy



Original Color

44.7979, 0.3260, 0.2963

Protanomaly

44.5292, 0.3047, 0.2973

Deuteranomaly

44.7118, 0.3167, 0.3016

Tritanomaly

44.6722, 0.3320, 0.3070

Monochromacy



Original Color

44.7979, 0.3260, 0.2963

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0658, 0.3176, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7979, 0.3260, 0.2963 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(207, 167, 194)` looks like.

```
.text, #text, p{  
    color:rgb(207, 167, 194)  
}
```

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(207, 167, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 167, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.7979, 0.3260, 0.2963 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(207, 167, 194) }
```

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

```
.border{ border-color:rgb(207, 167, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 167, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 167, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 167, 194);  
box-shadow:4px 4px 4px 4px rgb(207, 167,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7979, 0.3260, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 167, 194) }
```

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

```
.background{ background-color: rgb(207,  
167, 194) }
```

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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