

Converting Colors

$Y_{xy}(30.9301, 0.3469, 0.2808)$

Have a look what the booklet for
Yxy(30.9301, 0.3469, 0.2808)
contains.

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Color

Yxy(30.9301, 0.3469, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	C583A8
RGB	197, 131, 168
RGB Percent	77%, 51%, 66%
CMY	0.2275, 0.4863, 0.3411
CMYK	0.00, 0.34, 0.15, 0.23
HSL	326°, 36%, 64%
HSV	326°, 34%, 77%
XYZ	38.2110, 30.9301, 41.0088
YIQ	154.9520, 27.4590, 25.4990

Conversions

Conversions Part 2

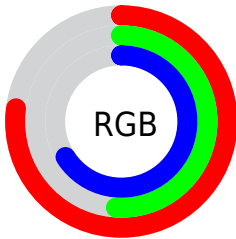
Format	Color
R _Y B	197, 131, 168
Decimal	12944296
CIE Lab	62.45, 30.88, -9.18
CIE LCh	62, 32.217, 343.449
Yxy	30.9301, 0.3469, 0.2808
Android (android.graphics.Color)	4291134376 (0xFFC583A8)
YUV	154.9520, 6.4327, 36.8761
Hunter-Lab	55.6148, 25.3151, -4.7884

Details

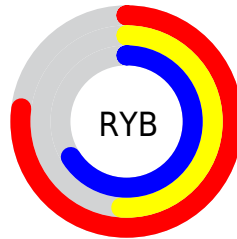
The Yxy color **30.9301, 0.3469, 0.2808** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.2956, 0.2889, 0.3831**, and the grayscale version is **32.7190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2856, 0.3407, 0.2904**, and **12.7491, 0.3578, 0.2656** is the 20% darker color. If you saturate the color by 10%, you get **25.8213, 0.3613, 0.2663**, and if you desaturate by 10%, it is **37.0692, 0.3346, 0.2957**.

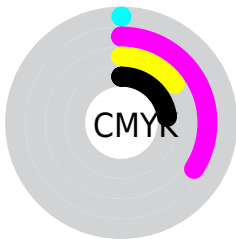
Distribution



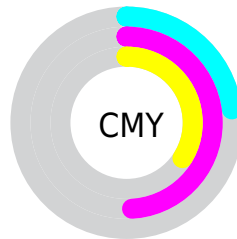
- Red (77%)
- Green (51%)
- Blue (66%)



- Red (77%)
- Yellow (51%)
- Blue (66%)



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (23%)





- Cyan (23%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9301, 0.3469, 0.2808 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 30.9301, 0.3469, 0.2808 by changing the saturation by 10% instead.


 30.9301, 0.3469,
0.2808


 30.9301, 0.3469,
0.2808


306.2162, 0.3291,
0.3056

 20.5456, 0.3516,
0.2744


 61.1300, 0.3403,
0.2900

 12.7923, 0.3577,
0.2660


 81.7142, 0.3378,
0.2934

 7.2857, 0.3662,
0.2547


 106.4672, 0.3358,
0.2962

 3.6414, 0.3784,
0.2385

135.7732, 0.3341,
0.2986

 1.4751, 0.3979,
0.2134

170.0167, 0.3326,
0.3007

 0.2711, 0.4586,
0.1215

209.5821, 0.3313,

 0.0000, 0.0000,

0.3026

0.0000

254.8538, 0.3301,
0.3042

■ 30.9301, 0.3469,
0.2808

■ 30.9301, 0.3469,
0.2808

■ 25.8213, 0.3613,
0.2663

■ 37.0692, 0.3346,
0.2957

■ 21.6810, 0.3779,
0.2530

■ 44.2875, 0.3241,
0.3103

■ 18.4473, 0.3964,
0.2419


■ 52.6357, 0.3154,
0.3243


■ 16.0492, 0.4164,
0.2343


■ 62.1603, 0.3082,
0.3375


■ 14.4050, 0.4372,
0.2312


■ 72.9048, 0.3021,
0.3498

 13.4165, 0.4578,
0.2333

 84.9108, 0.2971,
0.3611

 13.0065, 0.4711,
0.2369

 89.0239, 0.2926,
0.3574

 89.5182, 0.2880,
0.3479

 90.0369, 0.2835,
0.3386

Harmonies

Analogous

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



30.9301, 0.2943, 0.2560



30.9301, 0.3469, 0.2808



30.9301, 0.3927, 0.3167

Triad

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



30.9301, 0.3469, 0.2808



30.9301, 0.3730, 0.4197



30.9301, 0.2201, 0.2871

Complementary

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



30.9301, 0.3469, 0.2808



47.2956, 0.2889, 0.3831

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.



30.9301, 0.2375, 0.3345



30.9301, 0.3469, 0.2808



30.9301, 0.3243, 0.4181

Square

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



30.9301, 0.3469, 0.2808



30.9301, 0.4071, 0.3952



30.9301, 0.2748, 0.3854



30.9301, 0.2248, 0.2569

Rectangle

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



30.9301, 0.3469, 0.2808



30.9301, 0.4110, 0.3437



30.9301, 0.2748, 0.3854



30.9301, 0.2234, 0.3014

Sweetspot

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



30.9315, 0.3469, 0.2808



84.0953, 0.3210, 0.3150



27.6974, 0.2793, 0.2372



17.5581, 0.3223, 0.3130



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.



30.9315, 0.3469, 0.2808



48.7057, 0.3569, 0.2704



29.8645, 0.3848, 0.3233



10.7349, 0.3204, 0.3161



8.5721, 0.4686, 0.2355



0.4203, 0.4297, 0.2141

Inverse Universe

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



30.9315, 0.3469, 0.2808



48.7057, 0.3569, 0.2704



48.5904, 0.2682, 0.3350



10.7349, 0.3204, 0.3161



8.5721, 0.4686, 0.2355



0.4203, 0.4297, 0.2141

Previews

White Background



This preview shows how the Yxy color 30.9301, 0.3469, 0.2808 looks on a white background.

Color Contrast Check

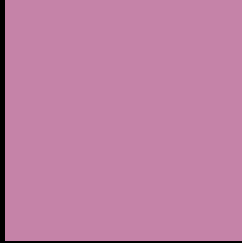
Large Text (above 18pt) WCAG AA × Fail

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 30.9301, 0.3469, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

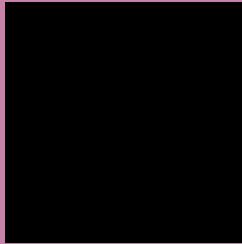
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9301, 0.3469, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 30.9301, 0.3469, 0.2808.



This preview shows how white text looks on a background with the Yxy color 30.9301, 0.3469, 0.2808.

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

30.9301, 0.3469, 0.2808

Protanopia

31.1277, 0.2814, 0.2842

Deuteranopia

31.0576, 0.3089, 0.3024



Tritanopia

30.8416, 0.3687, 0.3157

Trichromacy



Original Color

30.9301, 0.3469, 0.2808

Protanomaly

30.6720, 0.3027, 0.2817

Deuteranomaly

30.6872, 0.3218, 0.2935

Tritanomaly

30.9522, 0.3609, 0.3037

Monochromacy



Original Color

30.9301, 0.3469, 0.2808

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6419, 0.3240, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9301, 0.3469, 0.2808 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, 131, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 131, 168)  
}
```

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, 131, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 131, 168) }
```

Border

The CSS property to change the border of an element to Yxy 30.9301, 0.3469, 0.2808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

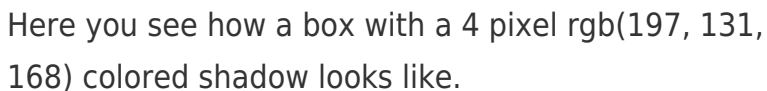
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 131, 168) }
```

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

```
.border{ border-color:rgb(197, 131, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 131, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 131, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 131, 168); box-shadow:4px 4px 4px 4px rgb(197, 131, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9301, 0.3469, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 131, 168) }
```

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

```
.background{ background-color: rgb(197,  
131, 168) }
```

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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