

Converting Colors

$Yxy(52.0631, 0.3029, 0.2969)$

Have a look what the booklet for
Yxy(52.0631, 0.3029, 0.2969)
contains.

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Color

Yxy(52.0640, 0.3029, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	C7BAD5
RGB	199, 186, 213
RGB Percent	78%, 73%, 84%
CMY	0.2197, 0.2705, 0.1648
CMYK	0.07, 0.13, 0.00, 0.16
HSL	269°, 24%, 78%
HSV	269°, 13%, 84%
XYZ	53.1162, 52.0640, 70.1786
YIQ	192.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

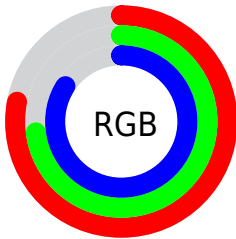
Format	Color
R_{YB}	199, 186, 213
Decimal	13089493
CIE _{Lab}	77.32, 9.61, -11.87
CIE _{LCh}	77, 15.267, 308.994
Yxy	52.0640, 0.3029, 0.2969
Android (android.graphics.Color)	4291279573 (0xFFC7BAD5)
YUV	192.9650, 9.8773, 5.2927
Hunter-Lab	72.1554, 5.1283, -7.1569

Details

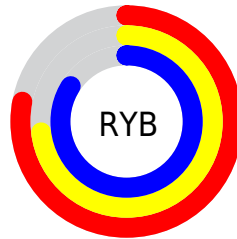
The Yxy color **52.0640, 0.3029, 0.2969** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.3966, 0.3216, 0.3611**, and the grayscale version is **53.2476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **25.2634, 0.3004, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **42.2945, 0.2937, 0.2692**, and if you desaturate by 10%, it is **63.2850, 0.3108, 0.3226**.

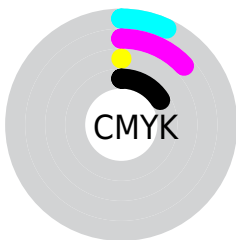
Distribution



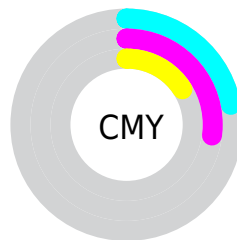
- Red (78%)
- Green (73%)
- Blue (84%)



- Red (78%)
- Yellow (73%)
- Blue (84%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (22%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0640, 0.3029, 0.2969 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 52.0640, 0.3029, 0.2969 by changing the saturation by 10% instead.

 52.0640, 0.3029,
0.2969

 52.0640, 0.3029,
0.2969


394.6836, 0.3078,
0.3123

 37.0561, 0.3017,
0.2932


 93.2256, 0.3047,
0.3024

 25.2509, 0.3001,
0.2886


120.1481, 0.3054,
0.3045

 16.2641, 0.2980,
0.2826

151.8109, 0.3059,
0.3063

 9.7112, 0.2951,
0.2746

188.5985, 0.3064,
0.3078

 5.2079, 0.2908,
0.2632

230.8951, 0.3068,
0.3092

 2.3698, 0.2838,
0.2459

279.0853, 0.3072,

 0.8103, 0.2710,

0.3103

0.2162

333.5533, 0.3075,
0.3114

0.0000, 0.0000,
0.0000

52.0640, 0.3029,
0.2969

52.0640, 0.3029,
0.2969

42.2945, 0.2937,
0.2692

63.2850, 0.3108,
0.3226

33.9084, 0.2831,
0.2400

76.0083, 0.3175,
0.3460

26.8424, 0.2713,
0.2100

90.2905, 0.3232,
0.3671

21.0252, 0.2585,
0.1804

95.4076, 0.3298,
0.3711

16.3786, 0.2449,
0.1525

97.4343, 0.3371,
0.3702

■ 12.8152, 0.2312,
0.1280

■ 97.5825, 0.3376,
0.3701

■ 10.2348, 0.2180,
0.1081

■ 8.5173, 0.2059,
0.0938

■ 7.6571, 0.1978,
0.0863

Harmonies

Analogous

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



52.0640, 0.2852, 0.2948



52.0640, 0.3029, 0.2969



52.0640, 0.3238, 0.3069

Triad

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



52.0640, 0.3029, 0.2969



52.0640, 0.3517, 0.3553



52.0640, 0.2839, 0.3349

Complementary

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



52.0640, 0.3029, 0.2969



63.3966, 0.3216, 0.3611

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.



52.0640, 0.3009, 0.3528



52.0640, 0.3029, 0.2969



52.0640, 0.3402, 0.3644

Square

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



52.0640, 0.3029, 0.2969



52.0640, 0.3525, 0.3399



52.0640, 0.3215, 0.3637



52.0640, 0.2745, 0.3160

Rectangle

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



52.0640, 0.3029, 0.2969



52.0640, 0.3366, 0.3167



52.0640, 0.3215, 0.3637



52.0640, 0.2889, 0.3413

Sweetspot

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



52.0662, 0.3029, 0.2969



92.6742, 0.3098, 0.3191



56.7322, 0.2931, 0.3137



19.5500, 0.3092, 0.3172



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.



52.0662, 0.3029, 0.2969



74.4065, 0.3007, 0.2902



53.9332, 0.3134, 0.2979



12.2990, 0.3056, 0.3054



4.7390, 0.1993, 0.0872



0.3350, 0.2184, 0.0977

Inverse Universe

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



53.4345, 0.3243, 0.3127



76.8473, 0.3269, 0.3093



61.6718, 0.3118, 0.3620



12.5273, 0.3211, 0.3170



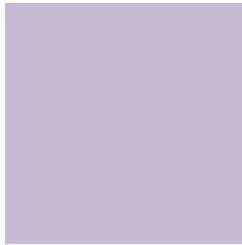
9.3559, 0.4869, 0.2456



0.5810, 0.4505, 0.2255

Previews

White Background



This preview shows how the Yxy color 52.0640, 0.3029, 0.2969 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 52.0640, 0.3029, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

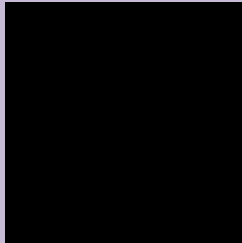
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0640, 0.3029, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 52.0640, 0.3029, 0.2969.



This preview shows how white text looks on a background with the Yxy color 52.0640, 0.3029, 0.2969.

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

52.0640, 0.3029, 0.2969

Protanopia

52.2980, 0.2922, 0.2986

Deuteranopia

52.0640, 0.3029, 0.2969



Tritanopia

52.1486, 0.3087, 0.3108

Trichromacy



Original Color

52.0640, 0.3029, 0.2969

Protanomaly

52.3266, 0.2959, 0.2988

Deuteranomaly

52.0640, 0.3029, 0.2969

Tritanomaly

52.0514, 0.3065, 0.3049

Monochromacy



Original Color

52.0640, 0.3029, 0.2969

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5991, 0.3092, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0640, 0.3029, 0.2969 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(199, 186, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 213)  
}
```

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(199, 186, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 213) }
```

Border

The CSS property to change the border of an element to Yxy 52.0640, 0.3029, 0.2969 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(199, 186, 213) }
```

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

```
.border{ border-color:rgb(199, 186, 213) }
```

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

Here you see how a box with a 4 pixel rgb(199, 186, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0640, 0.3029, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 213) }
```

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

```
.background{ background-color: rgb(199,  
186, 213) }
```

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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