

Converting Colors

Yxy(51.9827, 0.3075, 0.3093)

Have a look what the booklet for
Yxy(51.9827, 0.3075, 0.3093)
contains.

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Color

Yxy(52.0618, 0.3071, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	C4BCCC
RGB	196, 188, 204
RGB Percent	77%, 74%, 80%
CMY	0.2315, 0.2627, 0.2000
CMYK	0.04, 0.08, 0.00, 0.20
HSL	270°, 14%, 77%
HSV	270°, 8%, 80%
XYZ	51.6414, 52.0618, 64.4551
YIQ	192.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

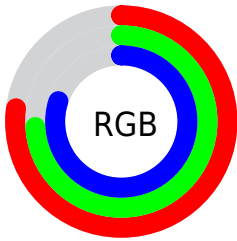
Format	Color
R _Y B	196, 188, 204
Decimal	12893388
CIE Lab	77.32, 5.76, -7.04
CIE LCh	77, 9.097, 309.323
Yxy	52.0618, 0.3071, 0.3096
Android (android.graphics.Color)	4291083468 (0xFFC4BCCC)
YUV	192.2160, 5.8095, 3.3186
Hunter-Lab	72.1539, 1.4854, -2.4561

Details

The Yxy color **52.0618, 0.3071, 0.3096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5607, 0.3180, 0.3484**, and the grayscale version is **52.8097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8040, 0.3119, 0.3184**, and **25.2807, 0.3051, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **42.6269, 0.2988, 0.2830**, and if you desaturate by 10%, it is **62.8271, 0.3141, 0.3341**.

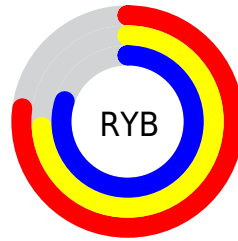
Distribution



Red (77%)

Green (74%)

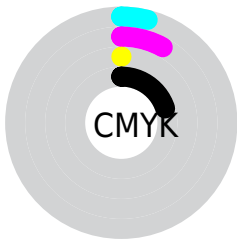
Blue (80%)



Red (77%)

Yellow (74%)

Blue (80%)

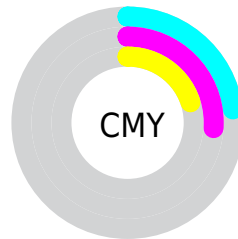


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (20%)



Cyan (23%)


Magenta (26%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0618, 0.3071, 0.3096 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 52.0618, 0.3071, 0.3096 by changing the saturation by 10% instead.


 52.0618, 0.3071,
0.3096

 52.0618, 0.3071,
0.3096


394.6751, 0.3099,
0.3190

 37.0543, 0.3064,
0.3073


 93.2224, 0.3081,
0.3130

 25.2496, 0.3055,
0.3045


120.1443, 0.3085,
0.3142

 16.2631, 0.3043,
0.3007


151.8064, 0.3088,
0.3153

 9.7105, 0.3027,
0.2957

188.5933, 0.3091,
0.3163

 5.2074, 0.3003,
0.2884

230.8892, 0.3093,
0.3171

 2.3695, 0.2963,
0.2770

279.0785, 0.3096,

 0.8101, 0.2890,

0.3178

0.2566

333.5457, 0.3097,
0.3184

0.0000, 0.0000,
0.0000

52.0618, 0.3071,
0.3096

52.0618, 0.3071,
0.3096

42.6269, 0.2988,
0.2830

62.8271, 0.3141,
0.3341

34.4624, 0.2893,
0.2547

74.9663, 0.3201,
0.3564

27.5136, 0.2785,
0.2252

88.5291, 0.3250,
0.3765

21.7192, 0.2665,
0.1955

93.8785, 0.3311,
0.3810

17.0122, 0.2537,
0.1669

95.6931, 0.3378,
0.3799

■ 13.3186, 0.2404,
0.1409

■ 97.1398, 0.3430,
0.3790

■ 10.5548, 0.2273,
0.1188

■ 8.6230, 0.2148,
0.1019

■ 7.3824, 0.2035,
0.0904

Harmonies

Analogous

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



52.0618, 0.2964, 0.3084



52.0618, 0.3071, 0.3096



52.0618, 0.3195, 0.3157

Triad

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



52.0618, 0.3071, 0.3096



52.0618, 0.3358, 0.3450



52.0618, 0.2954, 0.3325

Complementary

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



52.0618, 0.3071, 0.3096



58.5607, 0.3180, 0.3484

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.



52.0618, 0.3057, 0.3429



52.0618, 0.3071, 0.3096



52.0618, 0.3291, 0.3501

Square

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



52.0618, 0.3071, 0.3096



52.0618, 0.3363, 0.3359



52.0618, 0.3180, 0.3494



52.0618, 0.2897, 0.3214

Rectangle

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



52.0618, 0.3071, 0.3096



52.0618, 0.3271, 0.3218



52.0618, 0.3180, 0.3494



52.0618, 0.2984, 0.3362

Sweetspot

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



52.0640, 0.3071, 0.3096



96.3064, 0.3113, 0.3241



54.6570, 0.3007, 0.3195



20.6522, 0.3114, 0.3244



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.



52.0640, 0.3071, 0.3096



84.0998, 0.3061, 0.3063



53.1324, 0.3134, 0.3100



11.1136, 0.3059, 0.3056



4.5594, 0.2026, 0.0890



0.2803, 0.2242, 0.1009

Inverse Universe

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



52.7979, 0.3197, 0.3194



85.5075, 0.3210, 0.3178



57.5457, 0.3120, 0.3488



11.3061, 0.3213, 0.3174



8.7087, 0.4932, 0.2491



0.4646, 0.4507, 0.2256

Previews

White Background



This preview shows how the Yxy color 52.0618, 0.3071, 0.3096 looks on a white background.

Color Contrast Check

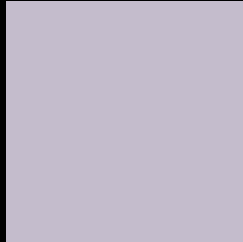
Large Text (above 18pt) WCAG AA × Fail

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 52.0618, 0.3071, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

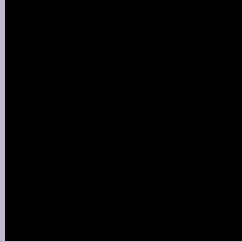
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

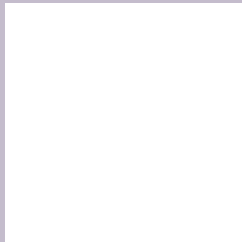
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0618, 0.3071, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 52.0618, 0.3071, 0.3096.

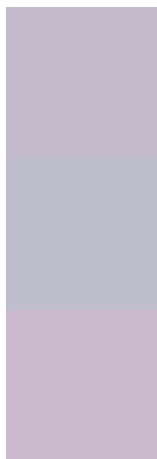


This preview shows how white text looks on a background with the Yxy color 52.0618, 0.3071, 0.3096.

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

52.0618, 0.3071, 0.3096

Protanopia

52.1818, 0.3016, 0.3106

Deuteranopia

51.8022, 0.3122, 0.3051



Tritanopia

52.0140, 0.3079, 0.3108

Trichromacy



Original Color

52.0618, 0.3071, 0.3096

Protanomaly

52.0094, 0.3032, 0.3094

Deuteranomaly

51.8049, 0.3097, 0.3062

Tritanomaly

52.0140, 0.3079, 0.3108

Monochromacy



Original Color

52.0618, 0.3071, 0.3096

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5846, 0.3106, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0618, 0.3071, 0.3096 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(196, 188, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 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(196, 188, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.0618, 0.3071, 0.3096 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(196, 188, 204) }
```

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

```
.border{ border-color:rgb(196, 188, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0618, 0.3071, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 204) }
```

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

```
.background{ background-color: rgb(196,  
188, 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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