

Converting Colors

$Yxy(55.9547, 0.3018, 0.2995)$

Have a look what the booklet for
Yxy(55.9547, 0.3018, 0.2995)
contains.

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Color

Yxy(55.8984, 0.3023, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	CBC1DA
RGB	203, 193, 218
RGB Percent	80%, 76%, 85%
CMY	0.2041, 0.2431, 0.1451
CMYK	0.07, 0.11, 0.00, 0.15
HSL	264°, 25%, 81%
HSV	264°, 11%, 85%
XYZ	56.3457, 55.8984, 74.1460
YIQ	198.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

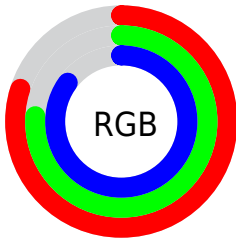
Format	Color
R _Y B	203, 193, 218
Decimal	13353434
CIE Lab	79.56, 8.15, -11.21
CIE LCh	80, 13.854, 306.024
Yxy	55.8984, 0.3023, 0.2999
Android (android.graphics.Color)	4291543514 (0xFFCBC1DA)
YUV	198.8400, 9.4459, 3.6483
Hunter-Lab	74.7652, 3.6848, -6.4633

Details

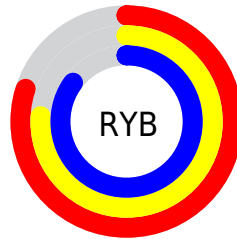
The Yxy color `55.8984, 0.3023, 0.2999` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `67.4086, 0.3223, 0.3578`, and the grayscale version is `56.9512, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.2314, 0.3130, 0.3233`, and `27.7901, 0.2997, 0.2935` is the 20% darker color. If you saturate the color by 10%, you get `45.1974, 0.2916, 0.2720`, and if you desaturate by 10%, it is `68.1806, 0.3115, 0.3255`.

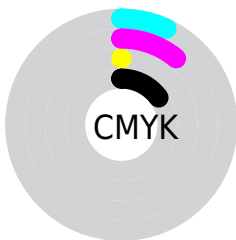
Distribution



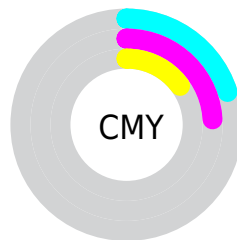
- Red (80%)
- Green (76%)
- Blue (85%)



- Red (80%)
- Yellow (76%)
- Blue (85%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)




- Cyan (20%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8984, 0.3023, 0.2999 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 55.8984, 0.3023, 0.2999 by changing the saturation by 10% instead.


 55.8984, 0.3023,
0.2999

 55.8984, 0.3023,
0.2999

409.3085, 0.3074,
0.3138

 40.1215, 0.3010,
0.2966


 98.8560, 0.3041,
0.3048

 27.6333, 0.2995,
0.2925


126.8055, 0.3048,
0.3067

 18.0494, 0.2974,
0.2873


159.5813, 0.3054,
0.3083

 10.9855, 0.2945,
0.2803

197.5677, 0.3059,
0.3097

 6.0571, 0.2903,
0.2704

241.1493, 0.3064,
0.3109

 2.8798, 0.2838,
0.2556

290.7104, 0.3068,

 1.0693, 0.2722,

0.3120

346.6353, 0.3071,
0.3129

0.2312

0.0000, 0.1725,
0.0000

0.0000, 0.0000,
0.0000

55.8984, 0.3023,
0.2999

55.8984, 0.3023,
0.2999

45.1974, 0.2916,
0.2720

68.1806, 0.3115,
0.3255

36.0047, 0.2795,
0.2422

82.0988, 0.3193,
0.3486

28.2522, 0.2659,
0.2113

95.5150, 0.3263,
0.3661

21.8638, 0.2512,
0.1803

97.8418, 0.3346,
0.3651

■ 16.7560, 0.2358,
0.1508

■ 12.8357, 0.2204,
0.1244

■ 9.9969, 0.2058,
0.1028

■ 8.1132, 0.1927,
0.0873

■ 7.0798, 0.1831,
0.0783

Harmonies

Analogous

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



55.8984, 0.2871, 0.2989



55.8984, 0.3023, 0.2999



55.8984, 0.3207, 0.3082

Triad

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



55.8984, 0.3023, 0.2999



55.8984, 0.3478, 0.3513



55.8984, 0.2884, 0.3360

Complementary

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



55.8984, 0.3023, 0.2999



67.4086, 0.3223, 0.3578

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.



55.8984, 0.3041, 0.3513



55.8984, 0.3023, 0.2999



55.8984, 0.3385, 0.3599

Square

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



55.8984, 0.3023, 0.2999



55.8984, 0.3474, 0.3372



55.8984, 0.3224, 0.3602



55.8984, 0.2792, 0.3191

Rectangle

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



55.8984, 0.3023, 0.2999



55.8984, 0.3324, 0.3167



55.8984, 0.3224, 0.3602



55.8984, 0.2930, 0.3415

Sweetspot

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



55.9008, 0.3023, 0.2999



94.3532, 0.3101, 0.3216



61.7186, 0.2950, 0.3177



19.8802, 0.3094, 0.3196



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.



55.9008, 0.3023, 0.2999



75.4509, 0.2996, 0.2927



57.6685, 0.3117, 0.3007



12.8690, 0.3043, 0.3053



4.3003, 0.1846, 0.0791



0.3278, 0.2031, 0.0893

Inverse Universe

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



57.6085, 0.3215, 0.3119



78.4175, 0.3238, 0.3078



65.7184, 0.3134, 0.3586



13.1824, 0.3198, 0.3150



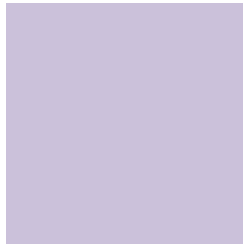
9.9362, 0.4526, 0.2267



0.6605, 0.4254, 0.2117

Previews

White Background



This preview shows how the Yxy color 55.8984, 0.3023, 0.2999 looks on a white background.

Color Contrast Check

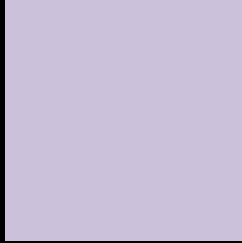
Large Text (above 18pt) WCAG AA × Fail

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 55.8984, 0.3023, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

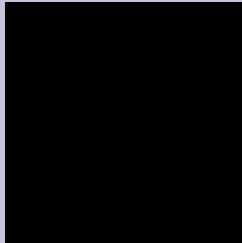
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

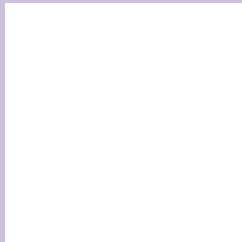
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8984, 0.3023, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 55.8984, 0.3023, 0.2999.



This preview shows how white text looks on a background with the Yxy color 55.8984, 0.3023, 0.2999.

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

55.8984, 0.3023, 0.2999

Protanopia

56.1165, 0.2941, 0.3006

Deuteranopia

55.8830, 0.3047, 0.2989



Tritanopia

55.7933, 0.3073, 0.3101

Trichromacy



Original Color

55.8984, 0.3023, 0.2999

Protanomaly

56.0150, 0.2970, 0.3007

Deuteranomaly

55.7404, 0.3039, 0.2988

Tritanomaly

55.9442, 0.3051, 0.3067

Monochromacy



Original Color

55.8984, 0.3023, 0.2999

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6681, 0.3085, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8984, 0.3023, 0.2999 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(203, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(203, 193, 218)  
}
```

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(203, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 193, 218) }
```

Border

The CSS property to change the border of an element to Yxy 55.8984, 0.3023, 0.2999 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(203, 193, 218) }
```

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

```
.border{ border-color:rgb(203, 193, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 193, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(203, 193,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8984, 0.3023, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 193, 218) }
```

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

```
.background{ background-color: rgb(203,  
193, 218) }
```

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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