

Converting Colors

$Yxy(55.2342, 0.3086, 0.3016)$

Have a look what the booklet for
Yxy(55.2342, 0.3086, 0.3016)
contains.

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Color

Yxy(55.3820, 0.3084, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	CFBFD6
RGB	207, 191, 214
RGB Percent	81%, 75%, 84%
CMY	0.1882, 0.2510, 0.1608
CMYK	0.03, 0.11, 0.00, 0.16
HSL	282°, 22%, 79%
HSV	282°, 11%, 84%
XYZ	56.4995, 55.3820, 71.3206
YIQ	198.4060, 2.1530, 10.5450

Conversions

Conversions Part 2

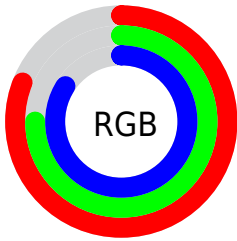
Format	Color
R _Y B	207, 191, 214
Decimal	13615062
CIE Lab	79.26, 9.80, -9.45
CIE LCh	79, 13.616, 316.048
Yxy	55.3820, 0.3084, 0.3023
Android (android.graphics.Color)	4291805142 (0xFFCFBFD6)
YUV	198.4060, 7.6878, 7.5369
Hunter-Lab	74.4191, 5.2852, -4.7281

Details

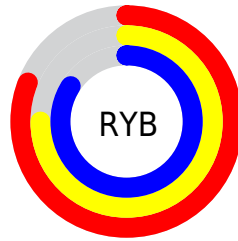
The Yxy color **55.3820, 0.3084, 0.3023** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8525, 0.3166, 0.3563**, and the grayscale version is **56.6843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **27.4525, 0.3078, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **45.8052, 0.3036, 0.2760**, and if you desaturate by 10%, it is **66.3656, 0.3124, 0.3272**.

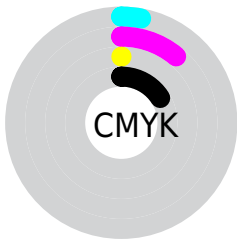
Distribution



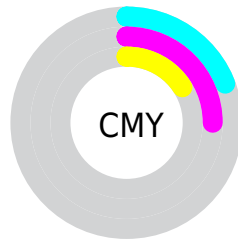
- Red (81%)
- Green (75%)
- Blue (84%)



- Red (81%)
- Yellow (75%)
- Blue (84%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)





- Cyan (19%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3820, 0.3084, 0.3023 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 55.3820, 0.3084, 0.3023 by changing the saturation by 10% instead.


 55.3820, 0.3084,
0.3023

 55.3820, 0.3084,
0.3023

407.3583, 0.3106,
0.3150

 39.7076, 0.3078,
0.2993


 98.1004, 0.3092,
0.3068

 27.3107, 0.3071,
0.2955


125.9133, 0.3095,
0.3085

 17.8067, 0.3062,
0.2907


158.5411, 0.3098,
0.3100

 10.8113, 0.3049,
0.2842

196.3683, 0.3100,
0.3113

 5.9401, 0.3029,
0.2751

239.7792, 0.3102,
0.3124

 2.8087, 0.2997,
0.2614

289.1582, 0.3103,

 1.0327, 0.2935,

0.3134

0.2385

344.8898, 0.3105,
0.3143

0.0000, 0.2203,
0.0000

0.0000, 0.0000,
0.0000

55.3820, 0.3084,
0.3023

55.3820, 0.3084,
0.3023

45.8052, 0.3036,
0.2760

66.3656, 0.3124,
0.3272

37.5689, 0.2979,
0.2487

78.8047, 0.3158,
0.3504

30.6117, 0.2915,
0.2213

92.6257, 0.3185,
0.3715

24.8647, 0.2843,
0.1948

93.7000, 0.3227,
0.3709

■ 20.2524, 0.2764,
0.1703

■ 94.8146, 0.3268,
0.3704

■ 16.6907, 0.2683,
0.1491

■ 95.9700, 0.3311,
0.3699

■ 14.0833, 0.2600,
0.1320

■ 97.1666, 0.3353,
0.3693

■ 12.3156, 0.2518,
0.1198

■ 97.6344, 0.3370,
0.3691

■ 11.2408, 0.2446,
0.1121

Harmonies

Analogous

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



55.3820, 0.2918, 0.2988



55.3820, 0.3084, 0.3023



55.3820, 0.3266, 0.3124

Triad

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



55.3820, 0.3084, 0.3023



55.3820, 0.3452, 0.3546



55.3820, 0.2848, 0.3303

Complementary

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



55.3820, 0.3084, 0.3023



63.8525, 0.3166, 0.3563

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.



55.3820, 0.2985, 0.3464



55.3820, 0.3084, 0.3023



55.3820, 0.3334, 0.3606

Square

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



55.3820, 0.3084, 0.3023



55.3820, 0.3482, 0.3421



55.3820, 0.3162, 0.3577



55.3820, 0.2786, 0.3143

Rectangle

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



55.3820, 0.3084, 0.3023



55.3820, 0.3371, 0.3217



55.3820, 0.3162, 0.3577



55.3820, 0.2887, 0.3359

Sweetspot

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



55.3844, 0.3084, 0.3023



94.7776, 0.3116, 0.3217



56.4491, 0.2961, 0.3102



19.9947, 0.3113, 0.3197



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.



55.3844, 0.3084, 0.3023



78.7823, 0.3073, 0.2961



56.2001, 0.3171, 0.3075



12.4346, 0.3090, 0.3057



6.8521, 0.2457, 0.1127



0.4557, 0.2591, 0.1201

Inverse Universe

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



55.6349, 0.3262, 0.3209



79.2447, 0.3296, 0.3190



63.1136, 0.3086, 0.3515



12.4823, 0.3244, 0.3219



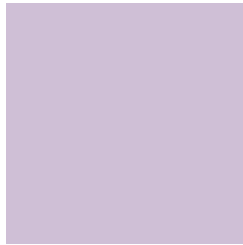
8.8882, 0.5735, 0.2933



0.5507, 0.5237, 0.2659

Previews

White Background



This preview shows how the Yxy color 55.3820, 0.3084, 0.3023 looks on a white background.

Color Contrast Check

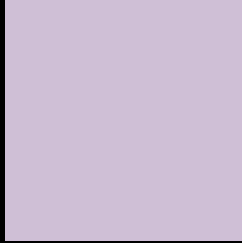
Large Text (above 18pt) WCAG AA × Fail

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 55.3820, 0.3084, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

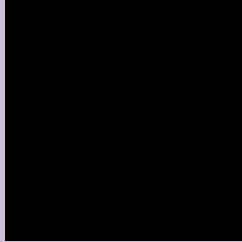
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3820, 0.3084, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 55.3820, 0.3084, 0.3023.



This preview shows how white text looks on a background with the Yxy color 55.3820, 0.3084, 0.3023.

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

55.3820, 0.3084, 0.3023

Protanopia

55.4574, 0.2969, 0.3040

Deuteranopia

55.3820, 0.3084, 0.3023



Tritanopia

55.3261, 0.3127, 0.3114

Trichromacy



Original Color

55.3820, 0.3084, 0.3023

Protanomaly

55.6320, 0.3014, 0.3042

Deuteranomaly

55.3820, 0.3084, 0.3023

Tritanomaly

55.4742, 0.3105, 0.3079

Monochromacy



Original Color

55.3820, 0.3084, 0.3023

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8074, 0.3108, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3820, 0.3084, 0.3023 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, 191, 214)` looks like.

```
.text, #text, p{  
    color:rgb(207, 191, 214)  
}
```

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, 191, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 191, 214) }
```

Border

The CSS property to change the border of an element to Yxy 55.3820, 0.3084, 0.3023 is called "border". The border property can be set on classes, ids or directly on the HTML element.

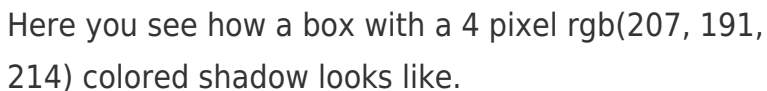
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 191, 214) }
```

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

```
.border{ border-color:rgb(207, 191, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 191, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 191, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 191, 214); box-shadow:4px 4px 4px 4px rgb(207, 191, 214) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3820, 0.3084, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 191, 214) }
```

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

```
.background{ background-color: rgb(207,  
191, 214) }
```

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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