

Converting Colors

$Yxy(59.6928, 0.3016, 0.3038)$

Have a look what the booklet for
Yxy(59.6928, 0.3016, 0.3038)
contains.

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Color

Yxy(59.7043, 0.3017, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	CEC8DE
RGB	206, 200, 222
RGB Percent	81%, 78%, 87%
CMY	0.1922, 0.2157, 0.1293
CMYK	0.07, 0.10, 0.00, 0.13
HSL	256°, 25%, 83%
HSV	256°, 10%, 87%
XYZ	59.2916, 59.7043, 77.5291
YIQ	204.3020, -3.4860, 8.1140

Conversions

Conversions Part 2

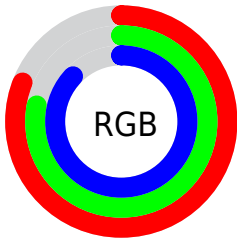
Format	Color
R _{YB}	206, 200, 222
Decimal	13551838
CIE Lab	81.68, 6.20, -10.18
CIE LCh	82, 11.923, 301.336
Yxy	59.7043, 0.3017, 0.3038
Android (android.graphics.Color)	4291741918 (0xFFCEC8DE)
YUV	204.3020, 8.7251, 1.4891
Hunter-Lab	77.2686, 1.7510, -5.4019

Details

The Yxy color **59.7043, 0.3017, 0.3038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0394, 0.3231, 0.3537**, and the grayscale version is **60.5306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0232, 0.2991, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **47.9597, 0.2889, 0.2757**, and if you desaturate by 10%, it is **73.1860, 0.3128, 0.3292**.

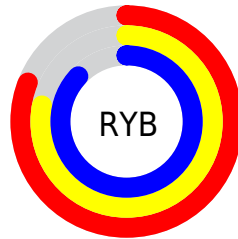
Distribution



Red (81%)

Green (78%)

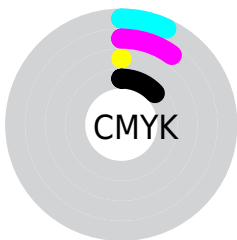
Blue (87%)



Red (81%)

Yellow (78%)

Blue (87%)

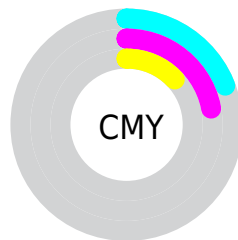


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (13%)



Cyan (19%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7043, 0.3017, 0.3038 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 59.7043, 0.3017, 0.3038 by changing the saturation by 10% instead.

■ 59.7043, 0.3017,
0.3038

■ 59.7043, 0.3017,
0.3038

423.5070, 0.3070,
0.3157

■ 43.1803, 0.3004,
0.3010

104.4006, 0.3036,
0.3080

■ 30.0266, 0.2988,
0.2975

133.3417, 0.3043,
0.3096

■ 19.8588, 0.2967,
0.2931

167.1907, 0.3049,
0.3110

■ 12.2925, 0.2939,
0.2872

206.3319, 0.3055,
0.3122

■ 6.9432, 0.2899,
0.2790

251.1497, 0.3059,
0.3132

■ 3.4266, 0.2837,
0.2667

302.0286, 0.3063,

■ 1.3583, 0.2731,

0.3142

0.2468

359.3529, 0.3067,
0.3150

0.1857, 0.2296,
0.1301

0.0000, 0.0000,
0.0000

59.7043, 0.3017,
0.3038

59.7043, 0.3017,
0.3038

47.9597, 0.2889,
0.2757

73.1860, 0.3128,
0.3292

37.8732, 0.2744,
0.2452

88.4641, 0.3223,
0.3518

29.3712, 0.2583,
0.2130

97.9668, 0.3318,
0.3611

22.3713, 0.2410,
0.1802

98.0557, 0.3321,
0.3611

■ 16.7836, 0.2231,
0.1485

■ 12.5083, 0.2057,
0.1198

■ 9.4322, 0.1897,
0.0962

■ 7.4217, 0.1763,
0.0793

■ 6.2505, 0.1659,
0.0688

Harmonies

Analogous

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



59.7043, 0.2895, 0.3040



59.7043, 0.3017, 0.3038



59.7043, 0.3171, 0.3099

Triad

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



59.7043, 0.3017, 0.3038



59.7043, 0.3427, 0.3463



59.7043, 0.2940, 0.3371

Complementary

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



59.7043, 0.3017, 0.3038



71.0394, 0.3231, 0.3537

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.



59.7043, 0.3078, 0.3493



59.7043, 0.3017, 0.3038



59.7043, 0.3361, 0.3543

Square

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



59.7043, 0.3017, 0.3038



59.7043, 0.3411, 0.3340



59.7043, 0.3233, 0.3556



59.7043, 0.2852, 0.3229

Rectangle

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



59.7043, 0.3017, 0.3038



59.7043, 0.3271, 0.3168



59.7043, 0.3233, 0.3556



59.7043, 0.2982, 0.3416

Sweetspot

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



59.7068, 0.3017, 0.3038



94.1736, 0.3095, 0.3216



66.7500, 0.2974, 0.3223



19.8318, 0.3087, 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.



59.7068, 0.3017, 0.3038



78.0191, 0.2991, 0.2979



61.3235, 0.3099, 0.3044



13.4222, 0.3023, 0.3051



3.7538, 0.1671, 0.0694



0.3037, 0.1832, 0.0783

Inverse Universe

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



61.8082, 0.3182, 0.3112



81.4837, 0.3195, 0.3072



69.4311, 0.3152, 0.3542



13.8689, 0.3179, 0.3121



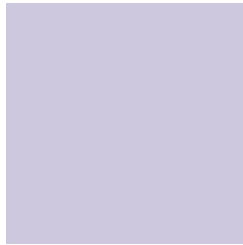
10.7893, 0.4035, 0.1997



0.7626, 0.3879, 0.1911

Previews

White Background



This preview shows how the Yxy color 59.7043, 0.3017, 0.3038 looks on a white background.

Color Contrast Check

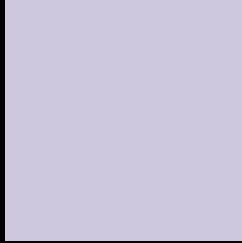
Large Text (above 18pt) WCAG AA × Fail

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 59.7043, 0.3017, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

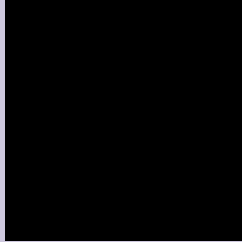
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7043, 0.3017, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 59.7043, 0.3017, 0.3038.



This preview shows how white text looks on a background with the Yxy color 59.7043, 0.3017, 0.3038.

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

59.7043, 0.3017, 0.3038

Protanopia

59.9863, 0.2974, 0.3048

Deuteranopia

59.5564, 0.3071, 0.2998



Tritanopia

59.7622, 0.3044, 0.3105

Trichromacy



Original Color

59.7043, 0.3017, 0.3038

Protanomaly

59.7975, 0.2988, 0.3037

Deuteranomaly

59.5648, 0.3048, 0.3007

Tritanomaly

59.8669, 0.3031, 0.3083

Monochromacy



Original Color

59.7043, 0.3017, 0.3038

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3942, 0.3086, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7043, 0.3017, 0.3038 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(206, 200, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 222)  
}
```

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(206, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 222) }
```

Border

The CSS property to change the border of an element to Yxy 59.7043, 0.3017, 0.3038 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(206, 200, 222) }
```

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

```
.border{ border-color:rgb(206, 200, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
222) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 59.7043, 0.3017, 0.3038$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 222) }
```

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

```
.background{ background-color: rgb(206,  
200, 222) }
```

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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