

Converting Colors

Yxy(58.9596, 0.3007, 0.3105)

Have a look what the booklet for
Yxy(58.9596, 0.3007, 0.3105)
contains.

Yxy(59.0624, 0.3007, 0.3103)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.0624, 0.3007, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	C8C9D9
RGB	200, 201, 217
RGB Percent	78%, 79%, 85%
CMY	0.2156, 0.2118, 0.1489
CMYK	0.08, 0.07, 0.00, 0.15
HSL	237°, 18%, 82%
HSV	237°, 8%, 85%
XYZ	57.2351, 59.0624, 74.0421
YIQ	202.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

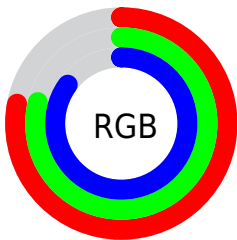
Format	Color
R _Y B	200, 201, 217
Decimal	13158873
CIE Lab	81.33, 2.72, -8.07
CIE LCh	81, 8.517, 288.609
Yxy	59.0624, 0.3007, 0.3103
Android (android.graphics.Color)	4291348953 (0xFFC8C9D9)
YUV	202.5250, 7.1362, -2.2144
Hunter-Lab	76.8521, -1.5543, -3.3257

Details

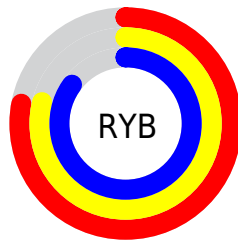
The Yxy color **59.0624, 0.3007, 0.3103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0565, 0.3244, 0.3470**, and the grayscale version is **59.3681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5871, 0.2977, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **47.3784, 0.2837, 0.2836**, and if you desaturate by 10%, it is **72.4445, 0.3158, 0.3338**.

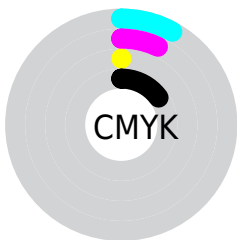
Distribution



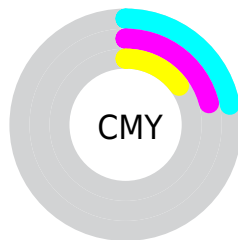
- Red (78%)
- Green (79%)
- Blue (85%)



- Red (78%)
- Yellow (79%)
- Blue (85%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0624, 0.3007, 0.3103 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 59.0624, 0.3007, 0.3103 by changing the saturation by 10% instead.

■ 59.0624, 0.3007,
0.3103

■ 59.0624, 0.3007,
0.3103

421.1331, 0.3065,
0.3192

■ 42.6634, 0.2993,
0.3082

103.4684, 0.3028,
0.3134

■ 29.6211, 0.2976,
0.3056

132.2440, 0.3035,
0.3147

■ 19.5511, 0.2953,
0.3022

165.9141, 0.3042,
0.3157

■ 12.0692, 0.2923,
0.2976

204.8628, 0.3048,
0.3166

■ 6.7908, 0.2880,
0.2912

249.4747, 0.3053,
0.3174

■ 3.3316, 0.2814,
0.2816

300.1341, 0.3057,

■ 1.3072, 0.2701,

0.3181

0.2654

357.2255, 0.3061,
0.3187

0.1468, 0.1912,
0.1363

0.0000, 0.0000,
0.0000

59.0624, 0.3007,
0.3103

59.0624, 0.3007,
0.3103

47.3784, 0.2837,
0.2836

72.4445, 0.3158,
0.3338

37.3174, 0.2648,
0.2537

87.5810, 0.3291,
0.3543

28.8100, 0.2445,
0.2213

97.7908, 0.3351,
0.3661

21.7787, 0.2235,
0.1873

■ 16.1392, 0.2029,
0.1535

■ 11.7991, 0.1841,
0.1222

■ 8.6543, 0.1687,
0.0957

■ 6.5851, 0.1578,
0.0762

■ 5.4411, 0.1517,
0.0646

Harmonies

Analogous

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



59.0624, 0.2936, 0.3126



59.0624, 0.3007, 0.3103



59.0624, 0.3111, 0.3128

Triad

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



59.0624, 0.3007, 0.3103



59.0624, 0.3344, 0.3380



59.0624, 0.3032, 0.3388

Complementary

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



59.0624, 0.3007, 0.3103



68.0565, 0.3244, 0.3470

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.



59.0624, 0.3140, 0.3460



59.0624, 0.3007, 0.3103



59.0624, 0.3321, 0.3453

Square

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



59.0624, 0.3007, 0.3103



59.0624, 0.3307, 0.3286



59.0624, 0.3246, 0.3483



59.0624, 0.2950, 0.3290

Rectangle

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



59.0624, 0.3007, 0.3103



59.0624, 0.3186, 0.3169



59.0624, 0.3246, 0.3483



59.0624, 0.3067, 0.3416

Sweetspot

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



59.0649, 0.3007, 0.3103



96.0179, 0.3097, 0.3244



66.8697, 0.3014, 0.3303



20.5935, 0.3099, 0.3246



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.



59.0649, 0.3007, 0.3103



82.8755, 0.2987, 0.3071



59.6473, 0.3062, 0.3095



12.7373, 0.2981, 0.3062



3.2502, 0.1511, 0.0639



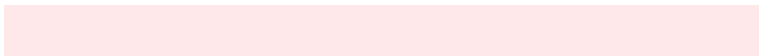
0.2541, 0.1543, 0.0754

Inverse Universe

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



60.2875, 0.3254, 0.3279



84.9061, 0.3276, 0.3277



67.4576, 0.3188, 0.3484



13.0637, 0.3283, 0.3277



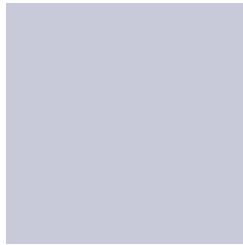
8.9519, 0.6335, 0.3264



0.5843, 0.6144, 0.3158

Previews

White Background



This preview shows how the Yxy color 59.0624, 0.3007, 0.3103 looks on a white background.

Color Contrast Check

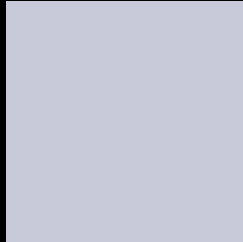
Large Text (above 18pt) WCAG AA × Fail

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 59.0624, 0.3007, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

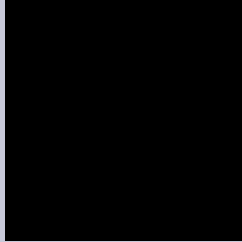
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

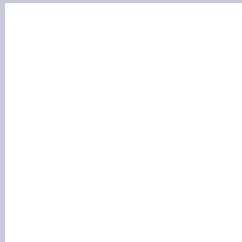
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0624, 0.3007, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 59.0624, 0.3007, 0.3103.

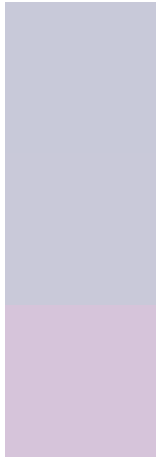


This preview shows how white text looks on a background with the Yxy color 59.0624, 0.3007, 0.3103.

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

59.0624, 0.3007, 0.3103

Protanopia

59.2005, 0.3014, 0.3104

Deuteranopia

58.8380, 0.3108, 0.3041



Tritanopia

59.0624, 0.3007, 0.3103

Trichromacy



Original Color

59.0624, 0.3007, 0.3103

Protanomaly

59.2005, 0.3014, 0.3104

Deuteranomaly

59.0054, 0.3068, 0.3061

Tritanomaly

59.0624, 0.3007, 0.3103

Monochromacy



Original Color

59.0624, 0.3007, 0.3103

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3517, 0.3085, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0624, 0.3007, 0.3103 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(200, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 217)  
}
```

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(200, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 217) }
```

Border

The CSS property to change the border of an element to Yxy 59.0624, 0.3007, 0.3103 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(200, 201, 217) }
```

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

```
.border{ border-color:rgb(200, 201, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 201, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0624, 0.3007, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 217) }
```

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

```
.background{ background-color: rgb(200,  
201, 217) }
```

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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