

Converting Colors

Yxy(57.8439, 0.2938, 0.3097)

Have a look what the booklet for
Yxy(57.8439, 0.2938, 0.3097)
contains.

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Color

Yxy(57.8594, 0.2941, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	BFC9D9
RGB	191, 201, 217
RGB Percent	75%, 79%, 85%
CMY	0.2508, 0.2118, 0.1489
CMYK	0.12, 0.07, 0.00, 0.15
HSL	217°, 25%, 80%
HSV	217°, 12%, 85%
XYZ	54.9095, 57.8594, 73.9346
YIQ	199.8340, -11.0960, 2.8560

Conversions

Conversions Part 2

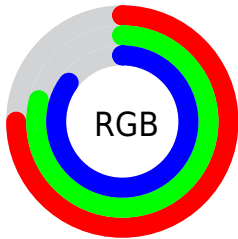
Format	Color
R _Y B	191, 198, 217
Decimal	12569049
CIE Lab	80.66, -0.21, -9.13
CIE LCh	81, 9.136, 268.667
Yxy	57.8594, 0.2941, 0.3099
Android (android.graphics.Color)	4290759129 (0xFFBFC9D9)
YUV	199.8340, 8.4628, -7.7474
Hunter-Lab	76.0654, -4.2602, -4.3834

Details

The Yxy color **57.8594, 0.2941, 0.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1905, 0.3319, 0.3474**, and the grayscale version is **57.6104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **28.7944, 0.2890, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **49.2740, 0.2775, 0.2918**, and if you desaturate by 10%, it is **67.4119, 0.3098, 0.3260**.

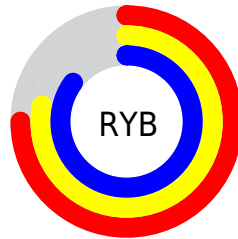
Distribution



Red (75%)

Green (79%)

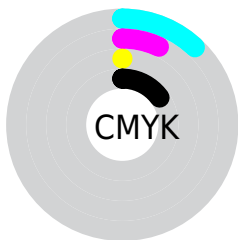
Blue (85%)



Red (75%)

Yellow (78%)

Blue (85%)

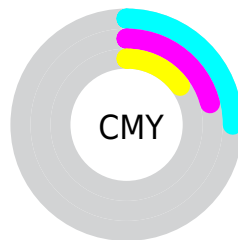


Cyan (12%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8594, 0.2941, 0.3099 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 57.8594, 0.2941, 0.3099 by changing the saturation by 10% instead.

■ 57.8594, 0.2941,
0.3099

■ 57.8594, 0.2941,
0.3099

416.6618, 0.3030,
0.3191

■ 41.6956, 0.2920,
0.3077

■ 101.7181, 0.2973,
0.3132

■ 28.8630, 0.2893,
0.3050

130.1818, 0.2985,
0.3144

■ 18.9772, 0.2858,
0.3014

163.5142, 0.2995,
0.3155

■ 11.6538, 0.2812,
0.2966

202.0999, 0.3004,
0.3164

■ 6.5084, 0.2746,
0.2898

246.3230, 0.3012,
0.3172

■ 3.1566, 0.2645,
0.2794

296.5682, 0.3019,

■ 1.2140, 0.2474,

0.3179

0.2617

353.2196, 0.3025,
0.3185

0.0731, 0.0752,
0.0855

0.0000, 0.0000,
0.0000

57.8594, 0.2941,
0.3099

57.8594, 0.2941,
0.3099

49.2740, 0.2775,
0.2918

67.4119, 0.3098,
0.3260

41.6162, 0.2603,
0.2719

77.9548, 0.3244,
0.3403

34.8546, 0.2429,
0.2502

89.2980, 0.3371,
0.3530

28.9526, 0.2256,
0.2272

97.5360, 0.3352,
0.3657

■ 23.8713, 0.2093,
0.2033

■ 97.7910, 0.3351,
0.3661

■ 19.5678, 0.1945,
0.1793

■ 15.9945, 0.1821,
0.1562

■ 13.0970, 0.1724,
0.1348

■ 11.1960, 0.1665,
0.1193

Harmonies

Analogous

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



57.8594, 0.2899, 0.3157



57.8594, 0.2941, 0.3099



57.8594, 0.3032, 0.3092

Triad

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



57.8594, 0.2941, 0.3099



57.8594, 0.3342, 0.3321



57.8594, 0.3101, 0.3453

Complementary

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



57.8594, 0.2941, 0.3099



63.1905, 0.3319, 0.3474

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.



57.8594, 0.3220, 0.3497



57.8594, 0.2941, 0.3099



57.8594, 0.3360, 0.3417

Square

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



57.8594, 0.2941, 0.3099



57.8594, 0.3264, 0.3218



57.8594, 0.3315, 0.3483



57.8594, 0.2990, 0.3362

Rectangle

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



57.8594, 0.2941, 0.3099



57.8594, 0.3110, 0.3116



57.8594, 0.3315, 0.3483



57.8594, 0.3141, 0.3473

Sweetspot

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



57.8618, 0.2941, 0.3099



94.1629, 0.3066, 0.3229



65.2299, 0.3008, 0.3407



19.9253, 0.3054, 0.3217



0.0000, 0.0000, 0.0000



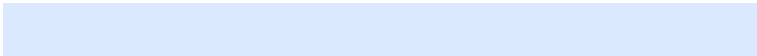
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8618, 0.2941, 0.3099



80.5771, 0.2906, 0.3062



53.7783, 0.2962, 0.2980



13.4294, 0.2981, 0.3142



6.9652, 0.1672, 0.1220



0.6147, 0.1763, 0.1548

Inverse Universe

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



56.2583, 0.3264, 0.3176



77.9601, 0.3292, 0.3155



67.6971, 0.3282, 0.3586



13.1335, 0.3232, 0.3201



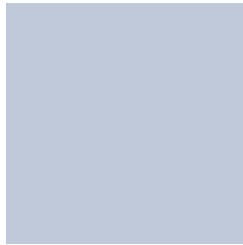
9.3269, 0.5438, 0.2769



0.6207, 0.4997, 0.2527

Previews

White Background



This preview shows how the Yxy color 57.8594, 0.2941, 0.3099 looks on a white background.

Color Contrast Check

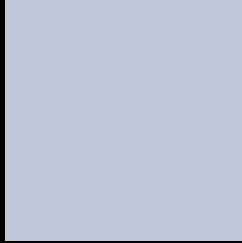
Large Text (above 18pt) WCAG AA × Fail

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 57.8594, 0.2941, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

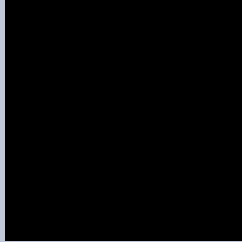
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

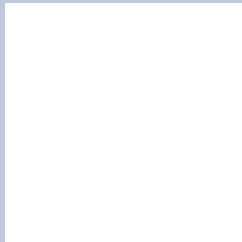
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8594, 0.2941, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 57.8594, 0.2941, 0.3099.

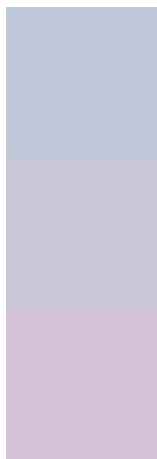


This preview shows how white text looks on a background with the Yxy color 57.8594, 0.2941, 0.3099.

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

57.8594, 0.2941, 0.3099

Protanopia

57.9468, 0.3007, 0.3091

Deuteranopia

57.4944, 0.3085, 0.3016



Tritanopia

57.8594, 0.2941, 0.3099

Trichromacy



Original Color

57.8594, 0.2941, 0.3099

Protanomaly

58.0022, 0.2984, 0.3101

Deuteranomaly

57.8318, 0.3030, 0.3047

Tritanomaly

57.8594, 0.2941, 0.3099

Monochromacy



Original Color

57.8594, 0.2941, 0.3099

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6351, 0.3061, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8594, 0.2941, 0.3099 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(191, 201, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 201, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 217) }
```

Border

The CSS property to change the border of an element to Yxy 57.8594, 0.2941, 0.3099 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(191, 201, 217) }
```

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

```
.border{ border-color:rgb(191, 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(191, 201, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8594, 0.2941, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 217) }
```

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

```
.background{ background-color: rgb(191,  
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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