

Converting Colors

$Y_{xy}(57.3570, 0.2999, 0.3078)$

Have a look what the booklet for
Yxy(57.3570, 0.2999, 0.3078)
contains.

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Color

Yxy(57.3518, 0.2999, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6D8
RGB	198, 198, 216
RGB Percent	78%, 78%, 85%
CMY	0.2235, 0.2235, 0.1529
CMYK	0.08, 0.08, 0.00, 0.15
HSL	240°, 19%, 81%
HSV	240°, 8%, 85%
XYZ	55.8798, 57.3518, 73.0965
YIQ	200.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

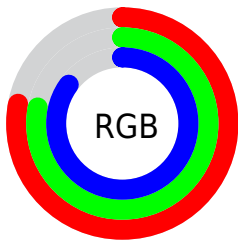
Format	Color
R_{YB}	198, 198, 216
Decimal	13027032
CIE _{Lab}	80.38, 3.45, -8.96
CIE _{LCh}	80, 9.596, 291.058
Yxy	57.3518, 0.2999, 0.3078
Android (android.graphics.Color)	4291217112 (0xFFC6C6D8)
YUV	200.0520, 7.8624, -1.7996
Hunter-Lab	75.7310, -0.8189, -4.2158

Details

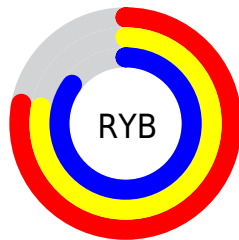
The Yxy color **57.3518, 0.2999, 0.3078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7935, 0.3250, 0.3494**, and the grayscale version is **57.7481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.4490, 0.2966, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **45.4452, 0.2826, 0.2792**, and if you desaturate by 10%, it is **71.0898, 0.3151, 0.3329**.

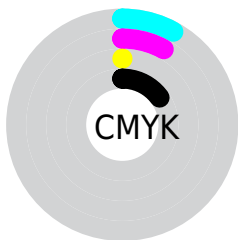
Distribution



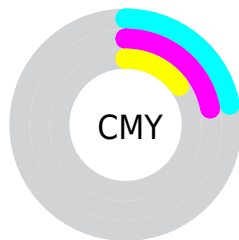
- Red (78%)
- Green (78%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3518, 0.2999, 0.3078 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 57.3518, 0.2999, 0.3078 by changing the saturation by 10% instead.

■ 57.3518, 0.2999,
0.3078

■ 57.3518, 0.2999,
0.3078

414.7662, 0.3061,
0.3179

■ 41.2878, 0.2984,
0.3054

100.9783, 0.3021,
0.3114

■ 28.5440, 0.2965,
0.3024

129.3096, 0.3030,
0.3128

■ 18.7361, 0.2941,
0.2985

162.4987, 0.3037,
0.3139

■ 11.4798, 0.2908,
0.2933

200.9301, 0.3043,
0.3150

■ 6.3905, 0.2860,
0.2859

244.9882, 0.3048,
0.3158

■ 3.0840, 0.2788,
0.2748

295.0573, 0.3053,

■ 1.1757, 0.2661,

0.3166

0.2560

351.5219, 0.3057,
0.3173

0.0417, 0.1479,
0.0499

0.0000, 0.0000,
0.0000

57.3518, 0.2999,
0.3078

57.3518, 0.2999,
0.3078

45.4452, 0.2826,
0.2792

71.0898, 0.3151,
0.3329

35.2857, 0.2633,
0.2473

86.7242, 0.3283,
0.3548

26.7934, 0.2425,
0.2129

97.7384, 0.3357,
0.3671

19.8794, 0.2209,
0.1772

■ 14.4463, 0.1999,
0.1425

■ 10.3861, 0.1810,
0.1112

■ 7.5762, 0.1659,
0.0863

■ 5.8721, 0.1558,
0.0695

■ 5.0601, 0.1507,
0.0611

Harmonies

Analogous

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



57.3518, 0.2914, 0.3100



57.3518, 0.2999, 0.3078



57.3518, 0.3119, 0.3111

Triad

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



57.3518, 0.2999, 0.3078



57.3518, 0.3375, 0.3400



57.3518, 0.3010, 0.3394

Complementary

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



57.3518, 0.2999, 0.3078



67.7935, 0.3250, 0.3494

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.



57.3518, 0.3131, 0.3479



57.3518, 0.2999, 0.3078



57.3518, 0.3343, 0.3480

Square

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



57.3518, 0.2999, 0.3078



57.3518, 0.3338, 0.3294



57.3518, 0.3254, 0.3510



57.3518, 0.2921, 0.3280

Rectangle

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



57.3518, 0.2999, 0.3078



57.3518, 0.3204, 0.3159



57.3518, 0.3254, 0.3510



57.3518, 0.3048, 0.3427

Sweetspot

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



57.3542, 0.2999, 0.3078



93.7942, 0.3082, 0.3216



66.0813, 0.2999, 0.3290



19.7299, 0.3070, 0.3195



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.



57.3542, 0.2999, 0.3078



80.2779, 0.2970, 0.3030



58.6134, 0.3067, 0.3082



12.0090, 0.2981, 0.3049



2.9350, 0.1500, 0.0600



0.1771, 0.1501, 0.0600

Inverse Universe

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



59.9473, 0.3137, 0.3087



84.7950, 0.3139, 0.3044



66.4604, 0.3183, 0.3498



12.6326, 0.3138, 0.3060



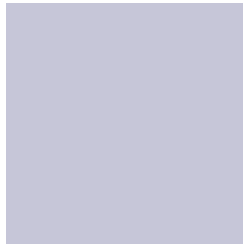
11.5729, 0.3210, 0.1542



0.6981, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 57.3518, 0.2999, 0.3078 looks on a white background.

Color Contrast Check

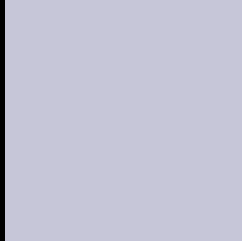
Large Text (above 18pt) WCAG AA × Fail

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 57.3518, 0.2999, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

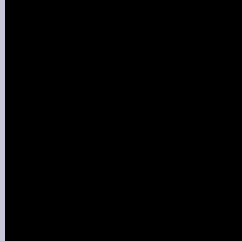
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

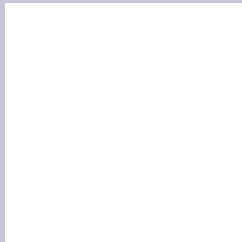
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3518, 0.2999, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 57.3518, 0.2999, 0.3078.

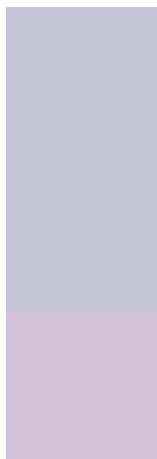


This preview shows how white text looks on a background with the Yxy color 57.3518, 0.2999, 0.3078.

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

57.3518, 0.2999, 0.3078

Protanopia

57.3518, 0.2999, 0.3078

Deuteranopia

57.4422, 0.3092, 0.3027



Tritanopia

57.2490, 0.3013, 0.3101

Trichromacy



Original Color

57.3518, 0.2999, 0.3078

Protanomaly

57.3518, 0.2999, 0.3078

Deuteranomaly

57.1618, 0.3053, 0.3036

Tritanomaly

57.3002, 0.3006, 0.3090

Monochromacy



Original Color

57.3518, 0.2999, 0.3078

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4452, 0.3077, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3518, 0.2999, 0.3078 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(198, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 216)  
}
```

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(198, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 216) }
```

Border

The CSS property to change the border of an element to Yxy 57.3518, 0.2999, 0.3078 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(198, 198, 216) }
```

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

```
.border{ border-color:rgb(198, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3518, 0.2999, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 216) }
```

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

```
.background{ background-color: rgb(198,  
198, 216) }
```

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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