

Converting Colors

$Y_{xy}(57.1017, 0.2821, 0.2963)$

Have a look what the booklet for
Yxy(57.1017, 0.2821, 0.2963)
contains.

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Color

Yxy(57.1003, 0.2819, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	B8C8E4
RGB	184, 200, 228
RGB Percent	72%, 78%, 89%
CMY	0.2782, 0.2157, 0.1058
CMYK	0.19, 0.12, 0.00, 0.11
HSL	218°, 45%, 81%
HSV	218°, 19%, 89%
XYZ	54.4355, 57.1003, 81.5663
YIQ	198.4080, -18.5240, 5.3160

Conversions

Conversions Part 2

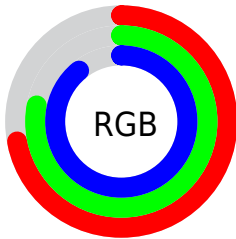
Format	Color
RYB	184, 196, 228
Decimal	12110052
CIELab	80.24, 0.42, -15.72
CIELCh	80, 15.722, 271.515
Yxy	57.1003, 0.2819, 0.2957
Android (android.graphics.Color)	4290300132 (0xFFB8C8E4)
YUV	198.4080, 14.5889, -12.6358
Hunter-Lab	75.5647, -3.6501, -11.1037

Details

The Yxy color **57.1003, 0.2819, 0.2957** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.0878, 0.3448, 0.3602**, and the grayscale version is **56.6571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **28.3207, 0.2732, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **48.0932, 0.2647, 0.2755**, and if you desaturate by 10%, it is **67.2061, 0.2983, 0.3139**.

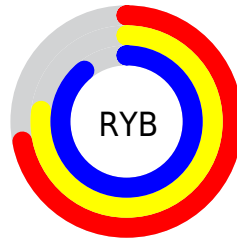
Distribution



Red (72%)

Green (78%)

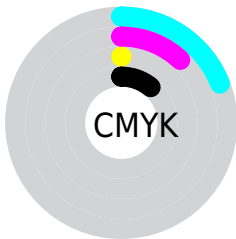
Blue (89%)



Red (72%)

Yellow (77%)

Blue (89%)

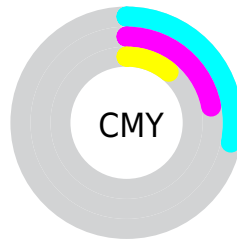


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1003, 0.2819, 0.2957 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 57.1003, 0.2819, 0.2957 by changing the saturation by 10% instead.

■ 57.1003, 0.2819,
0.2957

■ 57.1003, 0.2819,
0.2957

413.8250, 0.2967,
0.3117

■ 41.0858, 0.2784,
0.2919

■ 100.6115, 0.2871,
0.3013

■ 28.3861, 0.2740,
0.2872

128.8770, 0.2891,
0.3035

■ 18.6169, 0.2683,
0.2811

161.9949, 0.2909,
0.3054

■ 11.3938, 0.2607,
0.2729

200.3497, 0.2923,
0.3070

■ 6.3324, 0.2501,
0.2615

244.3257, 0.2936,
0.3084

■ 3.0482, 0.2341,
0.2443

294.3073, 0.2948,

■ 1.1570, 0.2078,

0.3096

0.2162

350.6790, 0.2958,
0.3107

0.0261, 0.0292,
0.0218

0.0000, 0.0000,
0.0000

57.1003, 0.2819,
0.2957

57.1003, 0.2819,
0.2957

48.0932, 0.2647,
0.2755

67.2061, 0.2983,
0.3139

40.1384, 0.2470,
0.2535

78.4410, 0.3138,
0.3301

33.1962, 0.2293,
0.2299

90.8427, 0.3281,
0.3444

27.2214, 0.2124,
0.2053

98.3827, 0.3285,
0.3552

■ 22.1648, 0.1969,
0.1806

■ 17.9722, 0.1835,
0.1565

■ 14.5820, 0.1730,
0.1343

■ 11.9075, 0.1653,
0.1146

■ 11.7375, 0.1648,
0.1133

Harmonies

Analogous

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



57.1003, 0.2740, 0.3045



57.1003, 0.2819, 0.2957



57.1003, 0.2980, 0.2956

Triad

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



57.1003, 0.2819, 0.2957



57.1003, 0.3508, 0.3355



57.1003, 0.3059, 0.3563

Complementary

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



57.1003, 0.2819, 0.2957



67.0878, 0.3448, 0.3602

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.



57.1003, 0.3266, 0.3649



57.1003, 0.2819, 0.2957



57.1003, 0.3529, 0.3519

Square

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



57.1003, 0.2819, 0.2957



57.1003, 0.3381, 0.3181



57.1003, 0.3439, 0.3629



57.1003, 0.2876, 0.3397

Rectangle

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



57.1003, 0.2819, 0.2957



57.1003, 0.3115, 0.3002



57.1003, 0.3439, 0.3629



57.1003, 0.3128, 0.3603

Sweetspot

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



57.1026, 0.2819, 0.2957



91.1468, 0.3035, 0.3194



70.4436, 0.2933, 0.3478



19.3099, 0.3024, 0.3183



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.



57.1026, 0.2819, 0.2957



68.9443, 0.2753, 0.2882



50.8395, 0.2851, 0.2768



14.7382, 0.2981, 0.3136



6.9817, 0.1656, 0.1161



0.6876, 0.1737, 0.1453

Inverse Universe

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



54.9683, 0.3373, 0.3112



65.9396, 0.3434, 0.3074



74.5164, 0.3374, 0.3776



14.4539, 0.3236, 0.3205



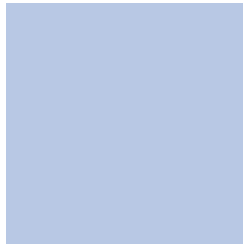
9.9025, 0.5522, 0.2816



0.7491, 0.5120, 0.2594

Previews

White Background



This preview shows how the Yxy color 57.1003, 0.2819, 0.2957 looks on a white background.

Color Contrast Check

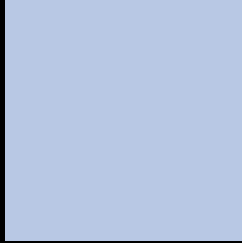
Large Text (above 18pt) WCAG AA × Fail

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 57.1003, 0.2819, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

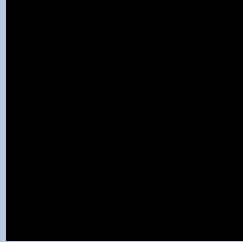
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1003, 0.2819, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 57.1003, 0.2819, 0.2957.



This preview shows how white text looks on a background with the Yxy color 57.1003, 0.2819, 0.2957.

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

57.1003, 0.2819, 0.2957

Protanopia

56.8928, 0.2901, 0.2951

Deuteranopia

57.0781, 0.2954, 0.2890



Tritanopia

57.2481, 0.2870, 0.3096

Trichromacy



Original Color

57.1003, 0.2819, 0.2957

Protanomaly

56.8814, 0.2866, 0.2949

Deuteranomaly

57.0073, 0.2903, 0.2908

Tritanomaly

57.1145, 0.2851, 0.3038

Monochromacy



Original Color

57.1003, 0.2819, 0.2957

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7878, 0.3010, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1003, 0.2819, 0.2957 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(184, 200, 228)` looks like.

```
.text, #text, p{  
    color:rgb(184, 200, 228)  
}
```

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(184, 200, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 200, 228) }
```

Border

The CSS property to change the border of an element to Yxy 57.1003, 0.2819, 0.2957 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(184, 200, 228) }
```

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

```
.border{ border-color:rgb(184, 200, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 200, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 200, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 200, 228);  
box-shadow:4px 4px 4px 4px rgb(184, 200,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1003, 0.2819, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 200, 228) }
```

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

```
.background{ background-color: rgb(184,  
200, 228) }
```

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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