

Converting Colors

$Yxy(57.7740, 0.2840, 0.2983)$

Have a look what the booklet for
Yxy(57.7740, 0.2840, 0.2983)
contains.

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Color

Yxy(57.7584, 0.2840, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	BAC9E3
RGB	186, 201, 227
RGB Percent	73%, 79%, 89%
CMY	0.2704, 0.2118, 0.1098
CMYK	0.18, 0.11, 0.00, 0.11
HSL	218°, 42%, 81%
HSV	218°, 18%, 89%
XYZ	55.0080, 57.7584, 80.9237
YIQ	199.4790, -17.2860, 4.9060

Conversions

Conversions Part 2

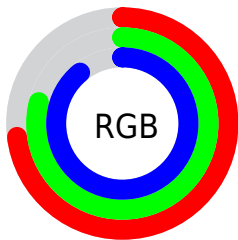
Format	Color
R _Y B	186, 197, 227
Decimal	12241379
CIE Lab	80.60, 0.28, -14.60
CIE LCh	81, 14.606, 271.094
Yxy	57.7584, 0.2840, 0.2982
Android (android.graphics.Color)	4290431459 (0xFFBAC9E3)
YUV	199.4790, 13.5679, -11.8211
Hunter-Lab	75.9989, -3.7999, -9.9328

Details

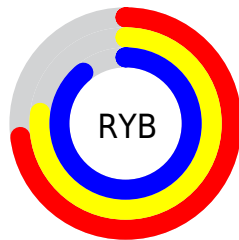
The Yxy color **57.7584, 0.2840, 0.2982** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9882, 0.3426, 0.3580**, and the grayscale version is **57.3498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **28.7515, 0.2759, 0.2896** is the 20% darker color. If you saturate the color by 10%, you get **48.7321, 0.2669, 0.2784**, and if you desaturate by 10%, it is **67.8716, 0.3003, 0.3161**.

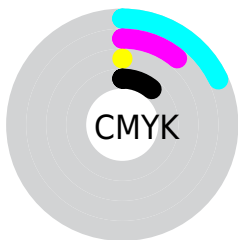
Distribution



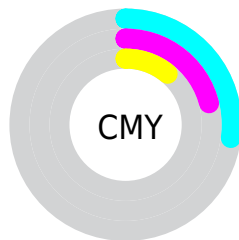
- Red (73%)
- Green (79%)
- Blue (89%)



- Red (73%)
- Yellow (77%)
- Blue (89%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7584, 0.2840, 0.2982 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 57.7584, 0.2840, 0.2982 by changing the saturation by 10% instead.

■ 57.7584, 0.2840,
0.2982

■ 57.7584, 0.2840,
0.2982

416.2851, 0.2978,
0.3130

■ 41.6144, 0.2807,
0.2947

■ 101.5710, 0.2889,
0.3034

■ 28.7995, 0.2767,
0.2903

130.0083, 0.2907,
0.3054

■ 18.9292, 0.2714,
0.2847

163.3123, 0.2923,
0.3071

■ 11.6191, 0.2643,
0.2772

201.8673, 0.2937,
0.3086

■ 6.4849, 0.2544,
0.2666

246.0577, 0.2949,
0.3099

■ 3.1421, 0.2396,
0.2507

296.2678, 0.2960,

■ 1.2064, 0.2150,

0.3110

0.2246

352.8822, 0.2969,
0.3120

0.0669, 0.0569,
0.0541

0.0000, 0.0000,
0.0000

57.7584, 0.2840,
0.2982

57.7584, 0.2840,
0.2982

48.7321, 0.2669,
0.2784

67.8716, 0.3003,
0.3161

40.7470, 0.2492,
0.2566

79.1010, 0.3156,
0.3320

33.7646, 0.2316,
0.2333

91.4837, 0.3298,
0.3460

27.7407, 0.2146,
0.2090

98.3262, 0.3292,
0.3562

■ 22.6277, 0.1989,
0.1843

■ 18.3728, 0.1852,
0.1601

■ 14.9164, 0.1743,
0.1377

■ 12.1822, 0.1664,
0.1177

■ 11.7146, 0.1650,
0.1141

Harmonies

Analogous

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



57.7584, 0.2768, 0.3065



57.7584, 0.2840, 0.2982



57.7584, 0.2989, 0.2980

Triad

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



57.7584, 0.2840, 0.2982



57.7584, 0.3478, 0.3349



57.7584, 0.3068, 0.3544

Complementary

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



57.7584, 0.2840, 0.2982



66.9882, 0.3426, 0.3580

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.



57.7584, 0.3258, 0.3622



57.7584, 0.2840, 0.2982



57.7584, 0.3500, 0.3501

Square

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



57.7584, 0.2840, 0.2982



57.7584, 0.3360, 0.3187



57.7584, 0.3418, 0.3603



57.7584, 0.2896, 0.3392

Rectangle

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



57.7584, 0.2840, 0.2982



57.7584, 0.3114, 0.3022



57.7584, 0.3418, 0.3603



57.7584, 0.3131, 0.3580

Sweetspot

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



57.7608, 0.2840, 0.2982



92.6051, 0.3050, 0.3211



70.1363, 0.2945, 0.3465



19.6053, 0.3039, 0.3199



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.



57.7608, 0.2840, 0.2982



70.2114, 0.2771, 0.2903



51.8211, 0.2871, 0.2805



14.7445, 0.2981, 0.3137



7.0349, 0.1658, 0.1168



0.6920, 0.1739, 0.1461

Inverse Universe

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



55.6818, 0.3353, 0.3123



67.1955, 0.3416, 0.3082



73.9440, 0.3358, 0.3744



14.4546, 0.3235, 0.3204



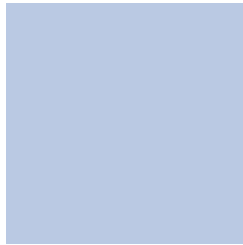
9.9079, 0.5512, 0.2810



0.7495, 0.5111, 0.2589

Previews

White Background



This preview shows how the Yxy color 57.7584, 0.2840, 0.2982 looks on a white background.

Color Contrast Check

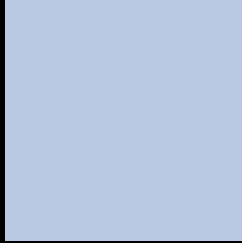
Large Text (above 18pt) WCAG AA × Fail

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 57.7584, 0.2840, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

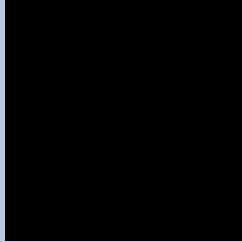
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7584, 0.2840, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 57.7584, 0.2840, 0.2982.



This preview shows how white text looks on a background with the Yxy color 57.7584, 0.2840, 0.2982.

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

57.7584, 0.2840, 0.2982

Protanopia

57.5602, 0.2923, 0.2975

Deuteranopia

57.7535, 0.2976, 0.2914



Tritanopia

57.5459, 0.2878, 0.3085

Trichromacy



Original Color

57.7584, 0.2840, 0.2982

Protanomaly

57.5443, 0.2888, 0.2973

Deuteranomaly

57.6761, 0.2924, 0.2932

Tritanomaly

57.8293, 0.2865, 0.3051

Monochromacy



Original Color

57.7584, 0.2840, 0.2982

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3813, 0.3017, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7584, 0.2840, 0.2982 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(186, 201, 227)` looks like.

```
.text, #text, p{  
    color:rgb(186, 201, 227)  
}
```

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(186, 201, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 201, 227) }
```

Border

The CSS property to change the border of an element to Yxy 57.7584, 0.2840, 0.2982 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(186, 201, 227) }
```

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

```
.border{ border-color:rgb(186, 201, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 201, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 201, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 201, 227);  
box-shadow:4px 4px 4px 4px rgb(186, 201,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7584, 0.2840, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 201, 227) }
```

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

```
.background{ background-color: rgb(186,  
201, 227) }
```

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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