

Converting Colors

Yxy(57.9210, 0.2848, 0.3032)

Have a look what the booklet for
Yxy(57.9210, 0.2848, 0.3032)
contains.

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Color

Yxy(57.8132, 0.2846, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	B8CAE0
RGB	184, 202, 224
RGB Percent	72%, 79%, 88%
CMY	0.2781, 0.2079, 0.1215
CMYK	0.18, 0.10, 0.00, 0.12
HSL	213°, 39%, 80%
HSV	213°, 18%, 88%
XYZ	54.3562, 57.8132, 78.8223
YIQ	199.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

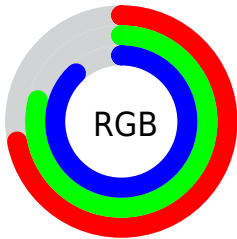
Format	Color
R _Y B	184, 196, 224
Decimal	12110560
CIE Lab	80.63, -1.50, -12.97
CIE LCh	81, 13.056, 263.381
Yxy	57.8132, 0.2846, 0.3027
Android (android.graphics.Color)	4290300640 (0xFFB8CAE0)
YUV	199.1260, 12.2629, -13.2655
Hunter-Lab	76.0350, -5.4543, -8.2390

Details

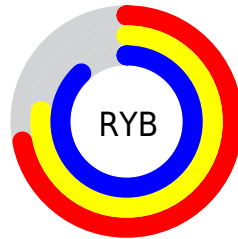
The Yxy color `57.8132, 0.2846, 0.3027` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `63.5049, 0.3428, 0.3540`, and the grayscale version is `57.1345, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.2653, 0.3035, 0.3290`, and `28.8697, 0.2776, 0.2956` is the 20% darker color. If you saturate the color by 10%, you get `49.6958, 0.2680, 0.2856`, and if you desaturate by 10%, it is `66.8377, 0.3007, 0.3181`.

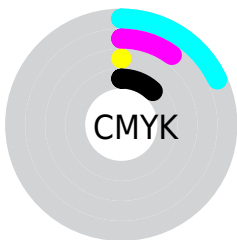
Distribution



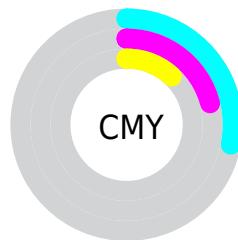
- Red (72%)
- Green (79%)
- Blue (88%)



- Red (72%)
- Yellow (77%)
- Blue (88%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8132, 0.2846, 0.3027 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 57.8132, 0.2846, 0.3027 by changing the saturation by 10% instead.

■ 57.8132, 0.2846,
0.3027

■ 57.8132, 0.2846,
0.3027

416.4895, 0.2981,
0.3154

■ 41.6585, 0.2814,
0.2997

■ 101.6508, 0.2894,
0.3072

■ 28.8340, 0.2774,
0.2959

130.1025, 0.2912,
0.3089

■ 18.9553, 0.2723,
0.2910

163.4219, 0.2927,
0.3104

■ 11.6380, 0.2654,
0.2844

201.9935, 0.2941,
0.3116

■ 6.4977, 0.2557,
0.2751

246.2017, 0.2953,
0.3127

■ 3.1500, 0.2411,
0.2611

296.4308, 0.2963,

■ 1.2105, 0.2170,

0.3137

0.2375

353.0653, 0.2972,
0.3146

0.0703, 0.0277,
0.0649

0.0000, 0.0000,
0.0000

57.8132, 0.2846,
0.3027

57.8132, 0.2846,
0.3027

49.6958, 0.2680,
0.2856

66.8377, 0.3007,
0.3181

42.4470, 0.2511,
0.2670

76.7918, 0.3160,
0.3318

36.0358, 0.2345,
0.2469

87.7062, 0.3303,
0.3440

30.4262, 0.2185,
0.2259

95.8910, 0.3314,
0.3558

■ 25.5792, 0.2039,
0.2042

■ 98.1624, 0.3309,
0.3591

■ 21.4514, 0.1913,
0.1827

■ 17.9937, 0.1810,
0.1620

■ 15.1420, 0.1734,
0.1428

■ 14.5843, 0.1719,
0.1389

Harmonies

Analogous

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



57.8132, 0.2802, 0.3120



57.8132, 0.2846, 0.3027



57.8132, 0.2964, 0.3005

Triad

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



57.8132, 0.2846, 0.3027



57.8132, 0.3421, 0.3305



57.8132, 0.3118, 0.3541

Complementary

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



57.8132, 0.2846, 0.3027



63.5049, 0.3428, 0.3540

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.



57.8132, 0.3286, 0.3590



57.8132, 0.2846, 0.3027



57.8132, 0.3464, 0.3447

Square

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



57.8132, 0.2846, 0.3027



57.8132, 0.3297, 0.3164



57.8132, 0.3414, 0.3553



57.8132, 0.2956, 0.3420

Rectangle

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



57.8132, 0.2846, 0.3027



57.8132, 0.3071, 0.3031



57.8132, 0.3414, 0.3553



57.8132, 0.3176, 0.3567

Sweetspot

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



57.8156, 0.2846, 0.3027



93.2564, 0.3050, 0.3221



67.9752, 0.2967, 0.3503



19.7634, 0.3039, 0.3211



0.0000, 0.0000, 0.0000



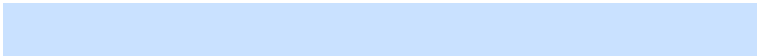
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8156, 0.2846, 0.3027



73.8015, 0.2791, 0.2972



50.1427, 0.2850, 0.2808



14.2503, 0.2981, 0.3157



8.7105, 0.1727, 0.1416



0.7806, 0.1809, 0.1713

Inverse Universe

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



54.4248, 0.3322, 0.3088



68.7050, 0.3366, 0.3048



72.3131, 0.3380, 0.3734



13.8022, 0.3222, 0.3185



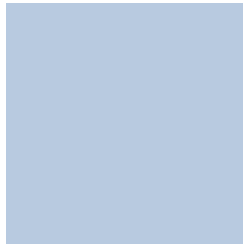
9.7874, 0.5169, 0.2621



0.6963, 0.4791, 0.2413

Previews

White Background



This preview shows how the Yxy color 57.8132, 0.2846, 0.3027 looks on a white background.

Color Contrast Check

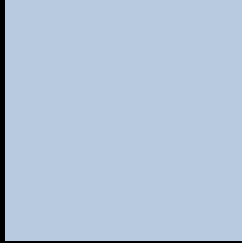
Large Text (above 18pt) WCAG AA × Fail

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 57.8132, 0.2846, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

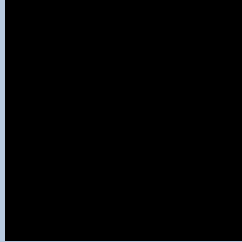
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

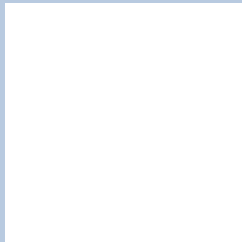
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8132, 0.2846, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 57.8132, 0.2846, 0.3027.



This preview shows how white text looks on a background with the Yxy color 57.8132, 0.2846, 0.3027.

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

57.8132, 0.2846, 0.3027

Protanopia

57.5324, 0.2950, 0.3009

Deuteranopia

57.7866, 0.2997, 0.2937



Tritanopia

57.8936, 0.2871, 0.3097

Trichromacy



Original Color

57.8132, 0.2846, 0.3027

Protanomaly

57.3810, 0.2907, 0.3007

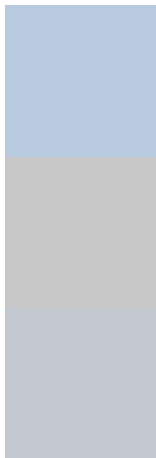
Deuteranomaly

57.9665, 0.2945, 0.2977

Tritanomaly

57.9996, 0.2858, 0.3074

Monochromacy



Original Color

57.8132, 0.2846, 0.3027

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3320, 0.3024, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8132, 0.2846, 0.3027 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, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 202, 224)  
}
```

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, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 202, 224) }
```

Border

The CSS property to change the border of an element to Yxy 57.8132, 0.2846, 0.3027 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, 202, 224) }
```

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

```
.border{ border-color:rgb(184, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 202,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8132, 0.2846, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 202, 224) }
```

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

```
.background{ background-color: rgb(184,  
202, 224) }
```

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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