

Converting Colors

$Yxy(59.0726, 0.3027, 0.3368)$

Have a look what the booklet for
Yxy(59.0726, 0.3027, 0.3368)
contains.

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Color

Yxy(58.8775, 0.3027, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	BBCEC8
RGB	187, 206, 200
RGB Percent	73%, 81%, 78%
CMY	0.2665, 0.1922, 0.2158
CMYK	0.09, 0.00, 0.03, 0.19
HSL	161°, 16%, 77%
HSV	161°, 9%, 81%
XYZ	52.9950, 58.8775, 63.2018
YIQ	199.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

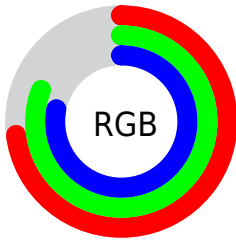
Format	Color
RYB	187, 198, 206
Decimal	12308168
CIELab	81.22, -7.54, 0.79
CIELCh	81, 7.581, 173.994
Yxy	58.8775, 0.3027, 0.3363
Android (android.graphics.Color)	4290498248 (0xFFBBCEC8)
YUV	199.6350, 0.1799, -11.0809
Hunter-Lab	76.7317, -10.9988, 4.8766

Details

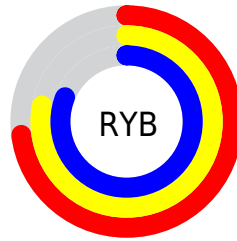
The Yxy color **58.8775, 0.3027, 0.3363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5315, 0.3239, 0.3218**, and the grayscale version is **57.5301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **29.6001, 0.3004, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **56.1656, 0.2922, 0.3451**, and if you desaturate by 10%, it is **61.9801, 0.3136, 0.3284**.

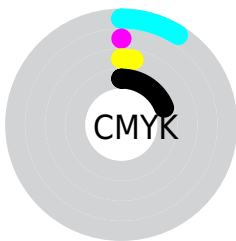
Distribution



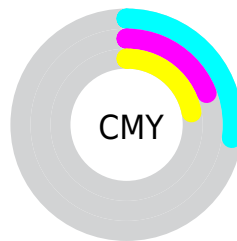
- Red (73%)
- Green (81%)
- Blue (78%)



- Red (73%)
- Yellow (78%)
- Blue (81%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8775, 0.3027, 0.3363 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 58.8775, 0.3027, 0.3363 by changing the saturation by 10% instead.

 58.8775, 0.3027,
0.3363

 58.8775, 0.3027,
0.3363

420.4478, 0.3075,
0.3328

 42.5145, 0.3015,
0.3371


 103.1996, 0.3044,
0.3351

 29.5044, 0.3001,
0.3382


131.9275, 0.3051,
0.3346

 19.4627, 0.2982,
0.3396


165.5458, 0.3056,
0.3342

 12.0051, 0.2957,
0.3414

204.4390, 0.3061,
0.3338

 6.7471, 0.2921,
0.3441

248.9914, 0.3065,
0.3335

 3.3045, 0.2865,
0.3482

299.5874, 0.3069,

 1.2927, 0.2768,

0.3332

0.3554

356.6114, 0.3072,
0.3330

0.1355, 0.0000,
0.5954

0.0000, 0.0000,
0.0000

58.8775, 0.3027,
0.3363

58.8775, 0.3027,
0.3363

56.1656, 0.2922,
0.3451

61.9801, 0.3136,
0.3284

53.8211, 0.2824,
0.3546


65.4810, 0.3247,
0.3213


51.8294, 0.2735,
0.3650

69.3969, 0.3357,
0.3151

50.1719, 0.2659,
0.3760


70.8992, 0.3356,
0.3088

 48.8285, 0.2599,
0.3876


 71.2653, 0.3308,
0.3023

 47.7769, 0.2556,
0.3996


 71.6453, 0.3260,
0.2960


 46.9915, 0.2533,
0.4118

 72.0392, 0.3214,
0.2898

 46.4423, 0.2531,
0.4239

 72.4473, 0.3168,
0.2836

 46.0789, 0.2545,
0.4359

 72.6210, 0.3150,
0.2811

Harmonies

Analogous

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



58.8775, 0.3121, 0.3432



58.8775, 0.3027, 0.3363



58.8775, 0.2960, 0.3274

Triad

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



58.8775, 0.3027, 0.3363



58.8775, 0.3035, 0.3124



58.8775, 0.3320, 0.3384

Complementary

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



58.8775, 0.3027, 0.3363



52.5315, 0.3239, 0.3218

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.



58.8775, 0.3297, 0.3302



58.8775, 0.3027, 0.3363



58.8775, 0.3131, 0.3154

Square

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



58.8775, 0.3027, 0.3363



58.8775, 0.2965, 0.3137



58.8775, 0.3227, 0.3218



58.8775, 0.3291, 0.3443

Rectangle

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



58.8775, 0.3027, 0.3363



58.8775, 0.2940, 0.3217



58.8775, 0.3227, 0.3218



58.8775, 0.3318, 0.3359

Sweetspot

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



58.8800, 0.3027, 0.3363



98.4225, 0.3094, 0.3313



59.1152, 0.3164, 0.3521



20.9784, 0.3085, 0.3320



0.0000, 0.0000, 0.0000



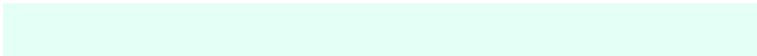
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8800, 0.3027, 0.3363



94.5026, 0.3006, 0.3379



57.6608, 0.2986, 0.3251



12.6641, 0.3025, 0.3365



28.3771, 0.2542, 0.4351



1.4773, 0.2477, 0.4117

Inverse Universe

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



52.5315, 0.3239, 0.3218



82.2184, 0.3265, 0.3203



53.6240, 0.3283, 0.3328



11.2714, 0.3241, 0.3217



8.3334, 0.5680, 0.2903



0.4437, 0.5118, 0.2593

Previews

White Background



This preview shows how the Yxy color 58.8775, 0.3027, 0.3363 looks on a white background.

Color Contrast Check

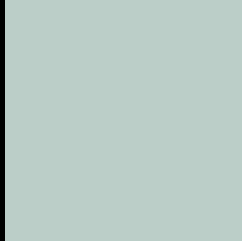
Large Text (above 18pt) WCAG AA × Fail

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 58.8775, 0.3027, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

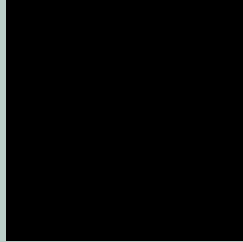
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

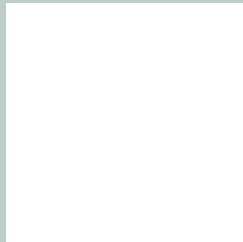
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8775, 0.3027, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 58.8775, 0.3027, 0.3363.

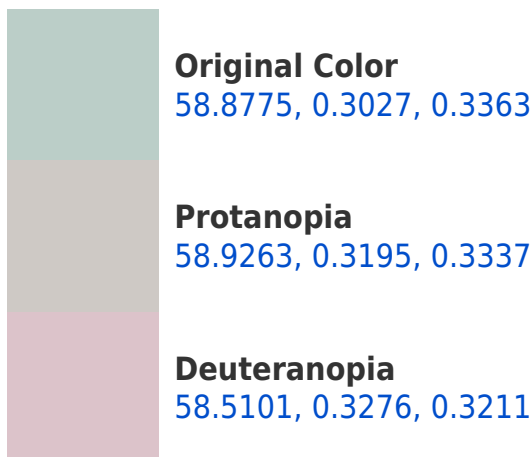


This preview shows how white text looks on a background with the Yxy color 58.8775, 0.3027, 0.3363.

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





Tritanopia

58.7735, 0.2921, 0.3100

Trichromacy



Original Color

58.8775, 0.3027, 0.3363

Protanomaly

58.9312, 0.3132, 0.3350

Deuteranomaly

58.4738, 0.3183, 0.3267

Tritanomaly

58.7580, 0.2960, 0.3194

Monochromacy



Original Color

58.8775, 0.3027, 0.3363

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0133, 0.3088, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8775, 0.3027, 0.3363 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(187, 206, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 200)  
}
```

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(187, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.8775, 0.3027, 0.3363 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(187, 206, 200) }
```

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

```
.border{ border-color:rgb(187, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8775, 0.3027, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 200) }
```

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

```
.background{ background-color: rgb(187,  
206, 200) }
```

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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