

Converting Colors

$Yxy(58.5724, 0.3027, 0.3375)$

Have a look what the booklet for
Yxy(58.5724, 0.3027, 0.3375)
contains.

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Color

Yxy(58.7052, 0.3026, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	BACEC7
RGB	186, 206, 199
RGB Percent	73%, 81%, 78%
CMY	0.2705, 0.1922, 0.2195
CMYK	0.10, 0.00, 0.03, 0.19
HSL	159°, 17%, 77%
HSV	159°, 10%, 81%
XYZ	52.6346, 58.7052, 62.6015
YIQ	199.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

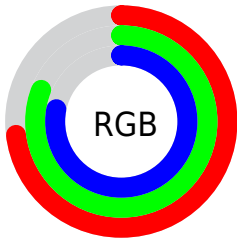
Format	Color
RYB	186, 198, 206
Decimal	12242631
CIELab	81.13, -8.06, 1.16
CIELCh	81, 8.148, 171.819
Yxy	58.7052, 0.3026, 0.3375
Android (android.graphics.Color)	4290432711 (0xFFBACEC7)
YUV	199.2220, -0.1094, -11.5957
Hunter-Lab	76.6193, -11.4609, 5.1909

Details

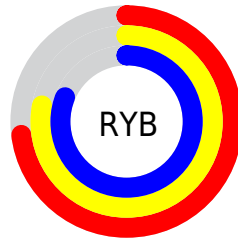
The Yxy color **58.7052, 0.3026, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0973, 0.3240, 0.3207**, and the grayscale version is **57.2650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **29.4874, 0.3003, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **55.9842, 0.2925, 0.3472**, and if you desaturate by 10%, it is **61.8190, 0.3130, 0.3288**.

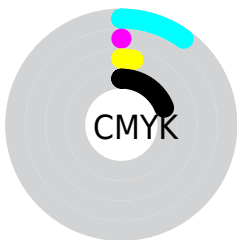
Distribution



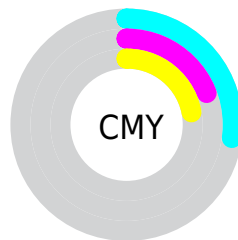
- Red (73%)
- Green (81%)
- Blue (78%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7052, 0.3026, 0.3375 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 58.7052, 0.3026, 0.3375 by changing the saturation by 10% instead.

 58.7052, 0.3026,
0.3375

 58.7052, 0.3026,
0.3375


419.8086, 0.3075,
0.3334

 42.3759, 0.3014,
0.3385


 102.9491, 0.3043,
0.3360

 29.3957, 0.3000,
0.3397


131.6324, 0.3050,
0.3355

 19.3804, 0.2981,
0.3413


165.2025, 0.3056,
0.3350

 11.9454, 0.2955,
0.3435

204.0438, 0.3060,
0.3346

 6.7065, 0.2918,
0.3467

248.5406, 0.3065,
0.3342

 3.2793, 0.2861,
0.3515

299.0775, 0.3068,

 1.2792, 0.2762,

0.3339

0.3601

356.0386, 0.3072,
0.3337

0.1250, 0.0000,
0.6942

0.0000, 0.0000,
0.0000

58.7052, 0.3026,
0.3375

58.7052, 0.3026,
0.3375

55.9842, 0.2925,
0.3472

61.8190, 0.3130,
0.3288

53.6323, 0.2831,
0.3578

65.3331, 0.3236,
0.3209

51.6350, 0.2746,
0.3694

69.2644, 0.3342,
0.3140

49.9736, 0.2674,
0.3817

70.9920, 0.3343,
0.3071

■ 48.6277, 0.2617,
0.3946

■ 71.3995, 0.3291,
0.3001

■ 47.5749, 0.2578,
0.4079

■ 71.8238, 0.3239,
0.2931

■ 46.7893, 0.2559,
0.4214

■ 72.2651, 0.3188,
0.2863

■ 46.2406, 0.2560,
0.4348

■ 72.6218, 0.3150,
0.2811

■ 45.8746, 0.2578,
0.4480

Harmonies

Analogous

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



58.7052, 0.3128, 0.3447



58.7052, 0.3026, 0.3375



58.7052, 0.2952, 0.3280

Triad

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



58.7052, 0.3026, 0.3375



58.7052, 0.3022, 0.3111



58.7052, 0.3335, 0.3385

Complementary

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



58.7052, 0.3026, 0.3375



52.0973, 0.3240, 0.3207

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.



58.7052, 0.3306, 0.3296



58.7052, 0.3026, 0.3375



58.7052, 0.3123, 0.3140

Square

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



58.7052, 0.3026, 0.3375



58.7052, 0.2949, 0.3128



58.7052, 0.3228, 0.3207



58.7052, 0.3308, 0.3451

Rectangle

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



58.7052, 0.3026, 0.3375



58.7052, 0.2927, 0.3218



58.7052, 0.3228, 0.3207



58.7052, 0.3332, 0.3357

Sweetspot

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



58.7077, 0.3026, 0.3375



98.4070, 0.3095, 0.3316



59.0267, 0.3169, 0.3534



20.9742, 0.3087, 0.3323



0.0000, 0.0000, 0.0000



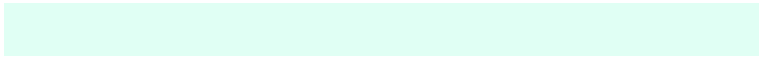
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7077, 0.3026, 0.3375



93.9820, 0.3001, 0.3398



57.6101, 0.2979, 0.3253



12.6579, 0.3029, 0.3372



28.2614, 0.2574, 0.4465



1.4720, 0.2502, 0.4207

Inverse Universe

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



52.0973, 0.3240, 0.3207



80.7898, 0.3272, 0.3185



53.0694, 0.3292, 0.3327



11.2773, 0.3236, 0.3209



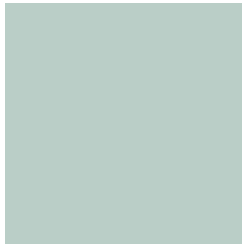
8.3843, 0.5560, 0.2836



0.4468, 0.5011, 0.2534

Previews

White Background



This preview shows how the Yxy color 58.7052, 0.3026, 0.3375 looks on a white background.

Color Contrast Check

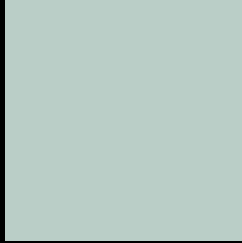
Large Text (above 18pt) WCAG AA × Fail

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 58.7052, 0.3026, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

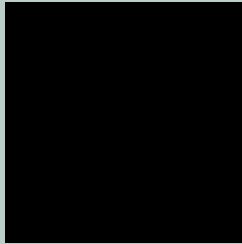
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

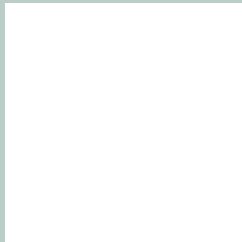
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7052, 0.3026, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 58.7052, 0.3026, 0.3375.



This preview shows how white text looks on a background with the Yxy color 58.7052, 0.3026, 0.3375.

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

58.7052, 0.3026, 0.3375

Protanopia

58.4159, 0.3204, 0.3337

Deuteranopia

58.4629, 0.3283, 0.3222



Tritanopia

58.6452, 0.2914, 0.3100

Trichromacy



Original Color

58.7052, 0.3026, 0.3375

Protanomaly

58.4144, 0.3140, 0.3350

Deuteranomaly

58.4269, 0.3191, 0.3278

Tritanomaly

58.6306, 0.2953, 0.3194

Monochromacy



Original Color

58.7052, 0.3026, 0.3375

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8339, 0.3087, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7052, 0.3026, 0.3375 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, 206, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 199)  
}
```

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, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 199) }
```

Border

The CSS property to change the border of an element to Yxy 58.7052, 0.3026, 0.3375 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, 206, 199) }
```

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

```
.border{ border-color:rgb(186, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 206, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 206, 199); box-shadow:4px 4px 4px 4px rgb(186, 206, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7052, 0.3026, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 199) }
```

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

```
.background{ background-color: rgb(186,  
206, 199) }
```

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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