

Converting Colors

Yxy(58.5183, 0.3004, 0.3270)

Have a look what the booklet for
Yxy(58.5183, 0.3004, 0.3270)
contains.

Yxy(58.4608, 0.3001, 0.3265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.4608, 0.3001, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	BDCCE
RGB	189, 204, 206
RGB Percent	74%, 80%, 81%
CMY	0.2586, 0.2001, 0.1921
CMYK	0.08, 0.01, 0.00, 0.19
HSL	187°, 15%, 77%
HSV	187°, 8%, 81%
XYZ	53.7338, 58.4608, 66.8584
YIQ	199.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

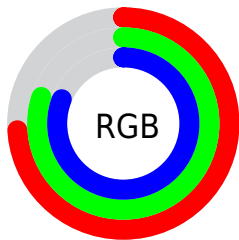
Format	Color
RYB	189, 197, 206
Decimal	12438734
CIELab	80.99, -4.64, -2.76
CIELCh	81, 5.403, 210.724
Yxy	58.4608, 0.3001, 0.3265
Android (android.graphics.Color)	4290628814 (0xFFBDCCCE)
YUV	199.7430, 3.0847, -9.4216
Hunter-Lab	76.4597, -8.3594, 1.6770

Details

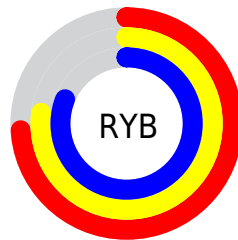
The Yxy color **58.4608, 0.3001, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1095, 0.3266, 0.3315**, and the grayscale version is **57.5857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **29.3139, 0.2970, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **54.8440, 0.2852, 0.3232**, and if you desaturate by 10%, it is **62.4756, 0.3155, 0.3295**.

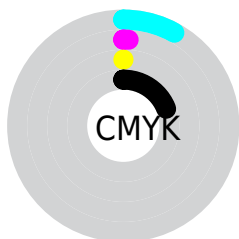
Distribution



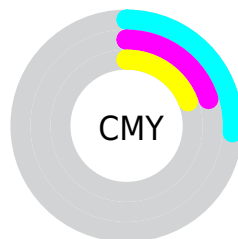
- Red (74%)
- Green (80%)
- Blue (81%)



- Red (74%)
- Yellow (77%)
- Blue (81%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)




- Cyan (26%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4608, 0.3001, 0.3265 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 58.4608, 0.3001, 0.3265 by changing the saturation by 10% instead.


 58.4608, 0.3001,
0.3265

 58.4608, 0.3001,
0.3265

418.9008, 0.3062,
0.3277

 42.1792, 0.2987,
0.3262


 102.5936, 0.3022,
0.3269

 29.2416, 0.2968,
0.3258

131.2136, 0.3031,
0.3271

 19.2637, 0.2945,
0.3253


164.7152, 0.3038,
0.3273

 11.8610, 0.2913,
0.3246

203.4827, 0.3044,
0.3274

 6.6491, 0.2869,
0.3236

247.9007, 0.3049,
0.3275

 3.2436, 0.2800,
0.3219

298.3534, 0.3054,

 1.2602, 0.2683,

0.3276

0.3189

355.2253, 0.3058,
0.3277

■ 0.1101, 0.0000,
0.2603

■ 0.0000, 0.0000,
0.0000

■ 58.4608, 0.3001,
0.3265

■ 58.4608, 0.3001,
0.3265

■ 54.8440, 0.2852,
0.3232

■ 62.4756, 0.3155,
0.3295

■ 51.6019, 0.2711,
0.3197

■ 66.8958, 0.3310,
0.3322

■ 48.7202, 0.2580,
0.3159

■ 71.7379, 0.3465,
0.3347

■ 46.1806, 0.2464,
0.3119

■ 73.7554, 0.3492,
0.3371

■ 43.9633, 0.2363,
0.3078

■ 75.0176, 0.3488,
0.3396

■ 42.0460, 0.2280,
0.3036

■ 76.2991, 0.3483,
0.3421

■ 40.4038, 0.2217,
0.2994

■ 77.5997, 0.3478,
0.3446

■ 39.0074, 0.2172,
0.2952

■ 78.9197, 0.3474,
0.3471

■ 37.8125, 0.2144,
0.2911

■ 80.2590, 0.3469,
0.3495

Harmonies

Analogous

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



58.4608, 0.3043, 0.3329



58.4608, 0.3001, 0.3265



58.4608, 0.2993, 0.3209

Triad

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



58.4608, 0.3001, 0.3265



58.4608, 0.3146, 0.3201



58.4608, 0.3235, 0.3405

Complementary

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



58.4608, 0.3001, 0.3265



54.1095, 0.3266, 0.3315

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.



58.4608, 0.3264, 0.3369



58.4608, 0.3001, 0.3265



58.4608, 0.3212, 0.3252

Square

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



58.4608, 0.3001, 0.3265



58.4608, 0.3076, 0.3173



58.4608, 0.3255, 0.3313



58.4608, 0.3178, 0.3410

Rectangle

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



58.4608, 0.3001, 0.3265



58.4608, 0.3007, 0.3184



58.4608, 0.3255, 0.3313



58.4608, 0.3248, 0.3396

Sweetspot

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



58.4633, 0.3001, 0.3265



98.6550, 0.3096, 0.3284



58.7447, 0.3104, 0.3474



21.1304, 0.3097, 0.3284



0.0000, 0.0000, 0.0000



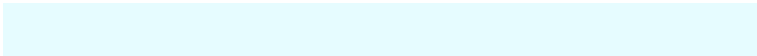
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4633, 0.3001, 0.3265



93.5402, 0.2972, 0.3259



54.5693, 0.3001, 0.3162



12.4878, 0.2983, 0.3261



23.2481, 0.2142, 0.2910



1.2658, 0.2164, 0.2990

Inverse Universe

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



53.9079, 0.3152, 0.3114



84.5999, 0.3158, 0.3072



57.8902, 0.3256, 0.3415



11.3796, 0.3156, 0.3089



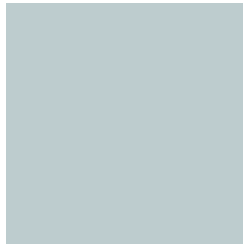
10.1499, 0.3535, 0.1721



0.5303, 0.3463, 0.1681

Previews

White Background



This preview shows how the Yxy color 58.4608, 0.3001, 0.3265 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 58.4608, 0.3001, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

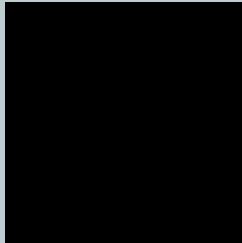
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

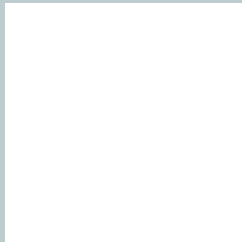
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4608, 0.3001, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 58.4608, 0.3001, 0.3265.



This preview shows how white text looks on a background with the Yxy color 58.4608, 0.3001, 0.3265.

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

58.4608, 0.3001, 0.3265

Protanopia

58.5056, 0.3129, 0.3243

Deuteranopia

58.3360, 0.3206, 0.3142



Tritanopia

58.3794, 0.2934, 0.3100

Trichromacy



Original Color

58.4608, 0.3001, 0.3265

Protanomaly

58.3232, 0.3083, 0.3242

Deuteranomaly

58.1586, 0.3132, 0.3185

Tritanomaly

58.5141, 0.2954, 0.3158

Monochromacy



Original Color

58.4608, 0.3001, 0.3265

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7733, 0.3082, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4608, 0.3001, 0.3265 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(189, 204, 206) looks like.

```
.text, #text, p{  
    color:rgb(189, 204, 206)  
}
```

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(189, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 204, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.4608, 0.3001, 0.3265 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(189, 204, 206) }
```

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

```
.border{ border-color:rgb(189, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 204,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4608, 0.3001, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 204, 206) }
```

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

```
.background{ background-color: rgb(189,  
204, 206) }
```

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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