

Converting Colors

Yxy(56.9188, 0.3063, 0.3392)

Have a look what the booklet for
Yxy(56.9188, 0.3063, 0.3392)
contains.

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Color

Yxy(57.1717, 0.3069, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	BBCBC2
RGB	187, 203, 194
RGB Percent	73%, 80%, 76%
CMY	0.2665, 0.2039, 0.2393
CMYK	0.08, 0.00, 0.04, 0.20
HSL	146°, 13%, 76%
HSV	146°, 8%, 80%
XYZ	51.5907, 57.1717, 59.3402
YIQ	197.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

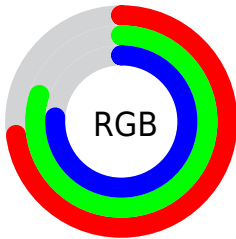
Format	Color
RYB	187, 198, 203
Decimal	12307394
CIELab	80.28, -7.12, 2.63
CIELCh	80, 7.590, 159.741
Yxy	57.1717, 0.3069, 0.3401
Android (android.graphics.Color)	4290497474 (0xFFBBCBC2)
YUV	197.1900, -1.5727, -8.9366
Hunter-Lab	75.6120, -10.5289, 6.3976

Details

The Yxy color **57.1717, 0.3069, 0.3401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2394, 0.3190, 0.3182**, and the grayscale version is **55.9717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4768, 0.3082, 0.3339**, and **28.4567, 0.3059, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **54.2959, 0.2996, 0.3557**, and if you desaturate by 10%, it is **60.4541, 0.3143, 0.3262**.

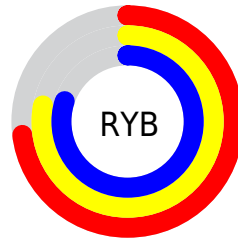
Distribution



Red (73%)

Green (80%)

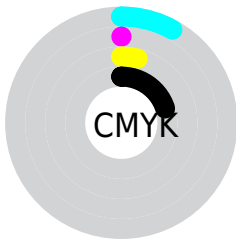
Blue (76%)



Red (73%)

Yellow (78%)

Blue (80%)

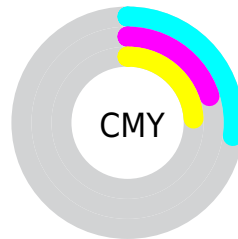


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (27%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1717, 0.3069, 0.3401 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 57.1717, 0.3069, 0.3401 by changing the saturation by 10% instead.


 57.1717, 0.3069,
0.3401

 57.1717, 0.3069,
0.3401


414.0924, 0.3097,
0.3347

 41.1431, 0.3062,
0.3414


 100.7157, 0.3079,
0.3382

 28.4309, 0.3053,
0.3431


128.9999, 0.3083,
0.3374

 18.6507, 0.3042,
0.3452


162.1380, 0.3086,
0.3368

 11.4182, 0.3027,
0.3482

200.5145, 0.3089,
0.3363

 6.3489, 0.3004,
0.3525

244.5139, 0.3092,
0.3358

 3.0583, 0.2969,
0.3592

294.5203, 0.3094,

 1.1623, 0.2905,

0.3354

0.3714

350.9184, 0.3096,
0.3350

0.0306, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1717, 0.3069,
0.3401

57.1717, 0.3069,
0.3401

54.2959, 0.2996,
0.3557

60.4541, 0.3143,
0.3262

51.8034, 0.2927,
0.3731

64.1508, 0.3217,
0.3138

49.6796, 0.2864,
0.3921

68.2786, 0.3288,
0.3030

47.9060, 0.2810,
0.4126

70.2543, 0.3258,
0.2923

■ 46.4626, 0.2769,
0.4341

■ 70.9574, 0.3177,
0.2815

■ 45.3273, 0.2744,
0.4562

■ 71.1911, 0.3151,
0.2782

■ 44.4749, 0.2737,
0.4783

■ 43.8764, 0.2750,
0.4994

■ 43.4897, 0.2780,
0.5191

Harmonies

Analogous

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



57.1717, 0.3169, 0.3454



57.1717, 0.3069, 0.3401



57.1717, 0.2986, 0.3318

Triad

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



57.1717, 0.3069, 0.3401



57.1717, 0.2996, 0.3123



57.1717, 0.3318, 0.3348

Complementary

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



57.1717, 0.3069, 0.3401



52.2394, 0.3190, 0.3182

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.



57.1717, 0.3270, 0.3261



57.1717, 0.3069, 0.3401



57.1717, 0.3083, 0.3133

Square

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



57.1717, 0.3069, 0.3401



57.1717, 0.2944, 0.3157



57.1717, 0.3184, 0.3183



57.1717, 0.3314, 0.3421

Rectangle

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



57.1717, 0.3069, 0.3401



57.1717, 0.2950, 0.3257



57.1717, 0.3184, 0.3183



57.1717, 0.3307, 0.3319

Sweetspot

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



57.1741, 0.3069, 0.3401



98.8613, 0.3112, 0.3318



58.0469, 0.3188, 0.3484



21.1723, 0.3113, 0.3316



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.



57.1741, 0.3069, 0.3401



95.0968, 0.3060, 0.3420



57.5413, 0.3014, 0.3303



12.6166, 0.3058, 0.3424



27.6505, 0.2779, 0.5206



1.4416, 0.2671, 0.4817

Inverse Universe

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



52.2394, 0.3190, 0.3182



85.5952, 0.3201, 0.3164



51.8864, 0.3253, 0.3277



11.3181, 0.3203, 0.3160



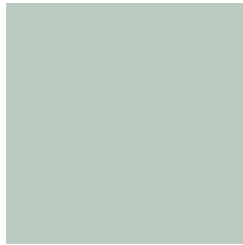
8.8823, 0.4670, 0.2346



0.4733, 0.4309, 0.2147

Previews

White Background



This preview shows how the Yxy color 57.1717, 0.3069, 0.3401 looks on a white background.

Color Contrast Check

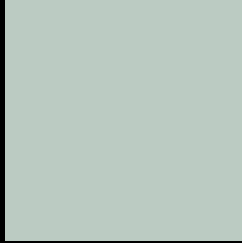
Large Text (above 18pt) WCAG AA × Fail

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 57.1717, 0.3069, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

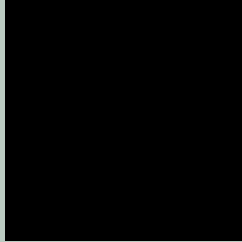
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

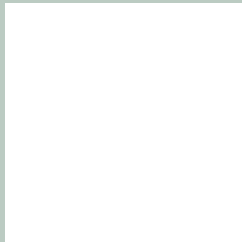
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1717, 0.3069, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 57.1717, 0.3069, 0.3401.



This preview shows how white text looks on a background with the Yxy color 57.1717, 0.3069, 0.3401.

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

57.1717, 0.3069, 0.3401

Protanopia

56.9871, 0.3227, 0.3374

Deuteranopia

56.7449, 0.3318, 0.3245



Tritanopia

57.3428, 0.2947, 0.3099

Trichromacy



Original Color

57.1717, 0.3069, 0.3401

Protanomaly

57.1201, 0.3170, 0.3387

Deuteranomaly

56.6854, 0.3223, 0.3302

Tritanomaly

57.2745, 0.2994, 0.3205

Monochromacy



Original Color

57.1717, 0.3069, 0.3401

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1698, 0.3102, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1717, 0.3069, 0.3401 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, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 194)  
}
```

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, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 194) }
```

Border

The CSS property to change the border of an element to Yxy 57.1717, 0.3069, 0.3401 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, 203, 194) }
```

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

```
.border{ border-color:rgb(187, 203, 194) }
```

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

Here you see how a box with a 4 pixel rgb(187, 203, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(187, 203,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1717, 0.3069, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 203, 194) }
```

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

```
.background{ background-color: rgb(187,  
203, 194) }
```

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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