

Converting Colors

Yxy(57.2444, 0.3032, 0.3397)

Have a look what the booklet for
Yxy(57.2444, 0.3032, 0.3397)
contains.

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Color

Yxy(57.1931, 0.3031, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	B7CCC3
RGB	183, 204, 195
RGB Percent	72%, 80%, 76%
CMY	0.2824, 0.2000, 0.2352
CMYK	0.10, 0.00, 0.04, 0.20
HSL	154°, 17%, 76%
HSV	154°, 10%, 80%
XYZ	50.9710, 57.1931, 60.0015
YIQ	196.6950, -9.6270, -7.2510

Conversions

Conversions Part 2

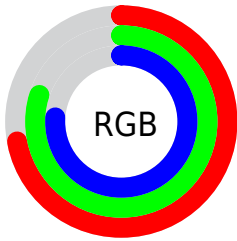
Format	Color
RYB	183, 196, 204
Decimal	12045507
CIELab	80.29, -8.81, 2.04
CIElCh	80, 9.046, 166.939
Yxy	57.1931, 0.3031, 0.3401
Android (android.graphics.Color)	4290235587 (0xFFB7CCC3)
YUV	196.6950, -0.8356, -12.0105
Hunter-Lab	75.6261, -12.0391, 5.8978

Details

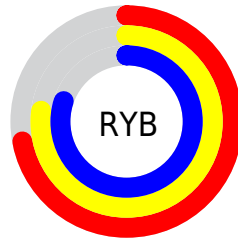
The Yxy color **57.1931, 0.3031, 0.3401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5015, 0.3235, 0.3182**, and the grayscale version is **55.6513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8990, 0.3046, 0.3319**, and **28.4816, 0.3010, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **54.4903, 0.2941, 0.3521**, and if you desaturate by 10%, it is **60.2863, 0.3124, 0.3293**.

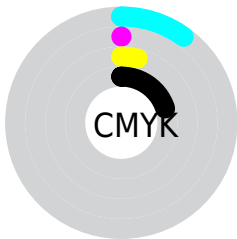
Distribution



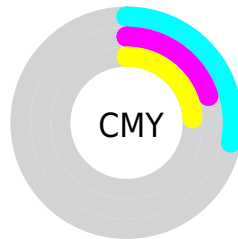
- Red (72%)
- Green (80%)
- Blue (76%)



- Red (72%)
- Yellow (77%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1931, 0.3031, 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 57.1931, 0.3031, 0.3401 by changing the saturation by 10% instead.

 57.1931, 0.3031,
0.3401

 57.1931, 0.3031,
0.3401

414.1725, 0.3078,
0.3347

 41.1603, 0.3020,
0.3414


 100.7469, 0.3048,
0.3382

 28.4444, 0.3006,
0.3431


129.0367, 0.3054,
0.3374

 18.6609, 0.2987,
0.3452


162.1809, 0.3059,
0.3368

 11.4255, 0.2962,
0.3482

200.5639, 0.3064,
0.3363

 6.3538, 0.2925,
0.3524

244.5702, 0.3068,
0.3358

 3.0614, 0.2869,
0.3592

294.5842, 0.3072,

 1.1639, 0.2768,

0.3354

0.3713

350.9901, 0.3075,
0.3350

0.0319, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1931, 0.3031,
0.3401

57.1931, 0.3031,
0.3401

54.4903, 0.2941,
0.3521

60.2863, 0.3124,
0.3293

52.1547, 0.2856,
0.3653


63.7776, 0.3219,
0.3197


50.1716, 0.2780,
0.3796

67.6835, 0.3312,
0.3112


48.5227, 0.2716,
0.3950


70.1542, 0.3330,
0.3031

 47.1878, 0.2667,
0.4111

 70.6553, 0.3267,
0.2946


 46.1445, 0.2636,
0.4277

 71.1812, 0.3204,
0.2863

 45.3671, 0.2624,
0.4444

 71.6689, 0.3151,
0.2792

 44.8256, 0.2633,
0.4609

 44.4717, 0.2657,
0.4763

Harmonies

Analogous

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



57.1931, 0.3148, 0.3475



57.1931, 0.3031, 0.3401



57.1931, 0.2941, 0.3296

Triad

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



57.1931, 0.3031, 0.3401



57.1931, 0.2993, 0.3089



57.1931, 0.3359, 0.3381

Complementary

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



57.1931, 0.3031, 0.3401



50.5015, 0.3235, 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.



57.1931, 0.3316, 0.3280



57.1931, 0.3031, 0.3401



57.1931, 0.3103, 0.3114

Square

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



57.1931, 0.3031, 0.3401



57.1931, 0.2919, 0.3117



57.1931, 0.3222, 0.3183



57.1931, 0.3339, 0.3461

Rectangle

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



57.1931, 0.3031, 0.3401



57.1931, 0.2908, 0.3225



57.1931, 0.3222, 0.3183



57.1931, 0.3352, 0.3349

Sweetspot

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



57.1955, 0.3031, 0.3401



98.3693, 0.3099, 0.3321



57.8255, 0.3185, 0.3549



20.9640, 0.3091, 0.3330



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.



57.1955, 0.3031, 0.3401



93.8385, 0.3014, 0.3422



56.9505, 0.2970, 0.3272



12.6429, 0.3039, 0.3391



28.0080, 0.2650, 0.4741



1.4599, 0.2563, 0.4427

Inverse Universe

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



50.5015, 0.3235, 0.3182



80.9279, 0.3256, 0.3161



50.6969, 0.3306, 0.3308



11.2918, 0.3224, 0.3191



8.5316, 0.5249, 0.2665



0.4552, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 57.1931, 0.3031, 0.3401 looks on a white background.

Color Contrast Check

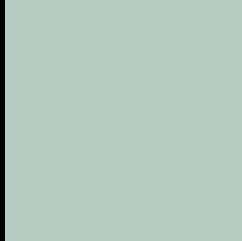
Large Text (above 18pt) WCAG AA × Fail

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 57.1931, 0.3031, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

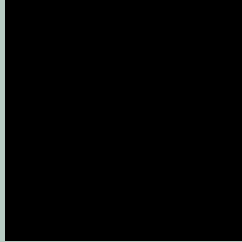
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

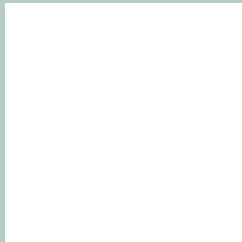
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1931, 0.3031, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 57.1931, 0.3031, 0.3401.



This preview shows how white text looks on a background with the Yxy color 57.1931, 0.3031, 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

57.1931, 0.3031, 0.3401

Protanopia

57.0313, 0.3219, 0.3362

Deuteranopia

56.6359, 0.3302, 0.3233



Tritanopia

57.3478, 0.2912, 0.3098

Trichromacy



Original Color

57.1931, 0.3031, 0.3401

Protanomaly

56.8946, 0.3147, 0.3375

Deuteranomaly

56.4445, 0.3199, 0.3290

Tritanomaly

57.2836, 0.2958, 0.3205

Monochromacy



Original Color

57.1931, 0.3031, 0.3401

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5005, 0.3094, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1931, 0.3031, 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(183, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 195)  
}
```

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(183, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.1931, 0.3031, 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(183, 204, 195) }
```

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

```
.border{ border-color:rgb(183, 204, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1931, 0.3031, 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(183, 204, 195) }
```

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

```
.background{ background-color: rgb(183,  
204, 195) }
```

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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