

Converting Colors

Yxy(54.1264, 0.3004, 0.3266)

Have a look what the booklet for
Yxy(54.1264, 0.3004, 0.3266)
contains.

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Color

Yxy(54.1233, 0.3004, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B7C5C7
RGB	183, 197, 199
RGB Percent	72%, 77%, 78%
CMY	0.2825, 0.2274, 0.2196
CMYK	0.08, 0.01, 0.00, 0.22
HSL	187°, 13%, 75%
HSV	187°, 8%, 78%
XYZ	49.7968, 54.1233, 61.8481
YIQ	193.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

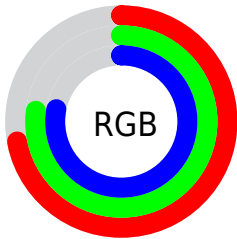
Format	Color
RYB	183, 190, 199
Decimal	12043719
CIELab	78.53, -4.39, -2.65
CIElCh	79, 5.128, 211.064
Yxy	54.1233, 0.3004, 0.3265
Android (android.graphics.Color)	4290233799 (0xFFB7C5C7)
YUV	193.0420, 2.9373, -8.8068
Hunter-Lab	73.5685, -7.9226, 1.6537

Details

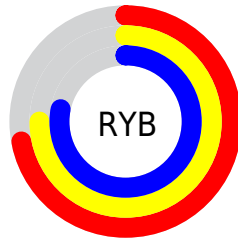
The Yxy color **54.1233, 0.3004, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2333, 0.3262, 0.3315**, and the grayscale version is **53.3389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4543, 0.3029, 0.3280**, and **26.4351, 0.2973, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **50.7505, 0.2855, 0.3231**, and if you desaturate by 10%, it is **57.8637, 0.3157, 0.3296**.

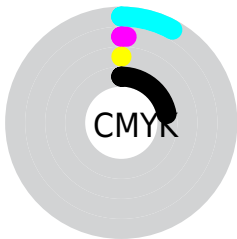
Distribution



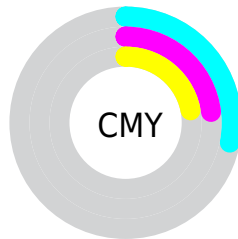
- Red (72%)
- Green (77%)
- Blue (78%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1233, 0.3004, 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 54.1233, 0.3004, 0.3265 by changing the saturation by 10% instead.

■ 54.1233, 0.3004,
0.3265

■ 54.1233, 0.3004,
0.3265

402.5800, 0.3064,
0.3278

■ 38.7002, 0.2990,
0.3262

■ 96.2553, 0.3025,
0.3270

■ 26.5266, 0.2971,
0.3258

123.7330, 0.3034,
0.3271

■ 17.2180, 0.2947,
0.3253

155.9977, 0.3040,
0.3273

■ 10.3901, 0.2915,
0.3245

193.4338, 0.3046,
0.3274

■ 5.6583, 0.2868,
0.3234

236.4256, 0.3052,
0.3275

■ 2.6385, 0.2794,
0.3216

285.3577, 0.3056,

■ 0.9460, 0.2660,

0.3276

0.3183

340.6144, 0.3060,
0.3277

0.0000, 0.0000,
0.0000

54.1233, 0.3004,
0.3265

54.1233, 0.3004,
0.3265

50.7505, 0.2855,
0.3231

57.8637, 0.3157,
0.3296

47.7241, 0.2714,
0.3195

61.9786, 0.3312,
0.3324

45.0307, 0.2583,
0.3157

66.4831, 0.3467,
0.3348

42.6538, 0.2466,
0.3116

69.9263, 0.3560,
0.3372

40.5750, 0.2365,
0.3074

71.1233, 0.3554,
0.3397

■ 38.7741, 0.2281,
0.3031

■ 72.3389, 0.3549,
0.3422

■ 37.2282, 0.2217,
0.2988

■ 73.5732, 0.3544,
0.3447

■ 35.9104, 0.2171,
0.2945

■ 74.8261, 0.3538,
0.3471

■ 34.7805, 0.2142,
0.2902

■ 76.0979, 0.3533,
0.3496

Harmonies

Analogous

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



54.1233, 0.3044, 0.3327



54.1233, 0.3004, 0.3265



54.1233, 0.2996, 0.3211

Triad

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



54.1233, 0.3004, 0.3265



54.1233, 0.3147, 0.3204



54.1233, 0.3232, 0.3402

Complementary

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



54.1233, 0.3004, 0.3265



50.2333, 0.3262, 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.



54.1233, 0.3260, 0.3368



54.1233, 0.3004, 0.3265



54.1233, 0.3210, 0.3253

Square

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



54.1233, 0.3004, 0.3265



54.1233, 0.3078, 0.3176



54.1233, 0.3252, 0.3313



54.1233, 0.3175, 0.3407

Rectangle

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



54.1233, 0.3004, 0.3265



54.1233, 0.3011, 0.3186



54.1233, 0.3252, 0.3313



54.1233, 0.3245, 0.3394

Sweetspot

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



54.1256, 0.3004, 0.3265



98.6449, 0.3096, 0.3284



54.4017, 0.3104, 0.3469



21.1283, 0.3097, 0.3284



0.0000, 0.0000, 0.0000



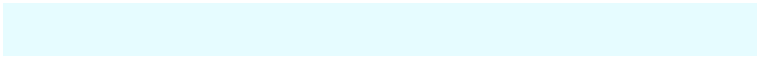
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1256, 0.3004, 0.3265



93.4904, 0.2972, 0.3258



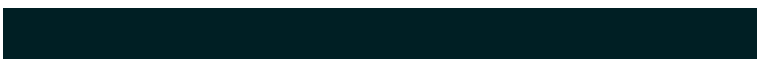
50.6294, 0.3004, 0.3165



11.8357, 0.2984, 0.3261



22.3189, 0.2139, 0.2900



1.1211, 0.2164, 0.2988

Inverse Universe

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



50.0270, 0.3152, 0.3119



84.5948, 0.3159, 0.3073



53.6314, 0.3253, 0.3412



10.7932, 0.3156, 0.3090



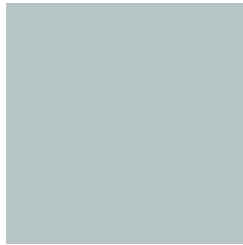
9.7931, 0.3543, 0.1726



0.4702, 0.3464, 0.1682

Previews

White Background



This preview shows how the Yxy color 54.1233, 0.3004, 0.3265 looks on a white background.

Color Contrast Check

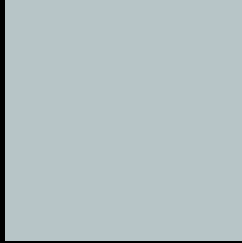
Large Text (above 18pt) WCAG AA × Fail

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 54.1233, 0.3004, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

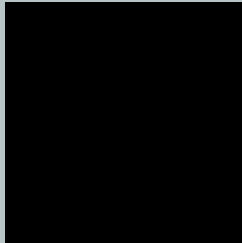
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

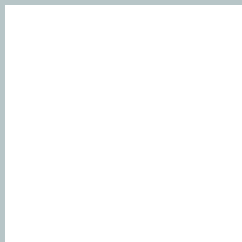
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1233, 0.3004, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 54.1233, 0.3004, 0.3265.

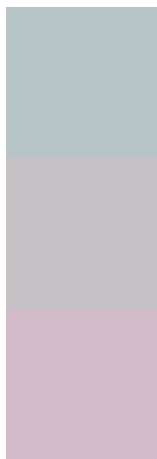


This preview shows how white text looks on a background with the Yxy color 54.1233, 0.3004, 0.3265.

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

54.1233, 0.3004, 0.3265

Protanopia

54.0415, 0.3129, 0.3241

Deuteranopia

53.8851, 0.3209, 0.3138



Tritanopia

54.0476, 0.2936, 0.3094

Trichromacy



Original Color

54.1233, 0.3004, 0.3265

Protanomaly

53.8673, 0.3082, 0.3241

Deuteranomaly

53.7111, 0.3132, 0.3182

Tritanomaly

54.1752, 0.2956, 0.3154

Monochromacy



Original Color

54.1233, 0.3004, 0.3265

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3425, 0.3080, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1233, 0.3004, 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(183, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 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(183, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.1233, 0.3004, 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(183, 197, 199) }
```

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

```
.border{ border-color:rgb(183, 197, 199) }
```

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

Here you see how a box with a 4 pixel rgb(183, 197, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(183, 197,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1233, 0.3004, 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(183, 197, 199) }
```

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

```
.background{ background-color: rgb(183,  
197, 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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