

Converting Colors

$Yxy(53.4935, 0.2974, 0.3243)$

Have a look what the booklet for
Yxy(53.4935, 0.2974, 0.3243)
contains.

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Color

Yxy(53.3533, 0.2974, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	B4C4C8
RGB	180, 196, 200
RGB Percent	71%, 77%, 78%
CMY	0.2942, 0.2314, 0.2156
CMYK	0.10, 0.02, 0.00, 0.22
HSL	192°, 15%, 75%
HSV	192°, 10%, 78%
XYZ	48.9882, 53.3533, 62.3800
YIQ	191.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

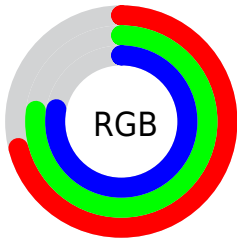
Format	Color
R _Y B	180, 189, 200
Decimal	11846856
CIE Lab	78.08, -4.64, -3.90
CIE LCh	78, 6.062, 219.992
Yxy	53.3533, 0.2974, 0.3239
Android (android.graphics.Color)	4290036936 (0xFFB4C4C8)
YUV	191.6720, 4.1057, -10.2363
Hunter-Lab	73.0433, -8.1108, 0.4958

Details

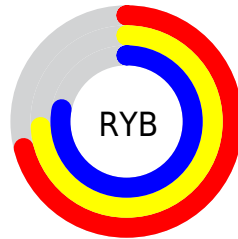
The Yxy color **53.3533, 0.2974, 0.3239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8666, 0.3296, 0.3340**, and the grayscale version is **52.4924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3034, 0.3011, 0.3270**, and **25.9334, 0.2933, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **49.3360, 0.2824, 0.3183**, and if you desaturate by 10%, it is **57.7701, 0.3127, 0.3290**.

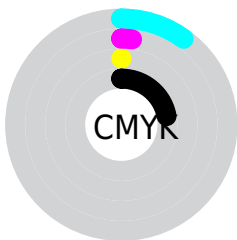
Distribution



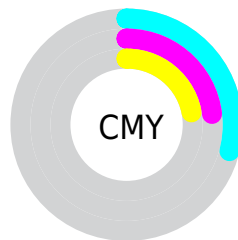
- Red (71%)
- Green (77%)
- Blue (78%)



- Red (71%)
- Yellow (74%)
- Blue (78%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3533, 0.2974, 0.3239 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 53.3533, 0.2974, 0.3239 by changing the saturation by 10% instead.

■ 53.3533, 0.2974,
0.3239

■ 53.3533, 0.2974,
0.3239

399.6391, 0.3049,
0.3264

■ 38.0849, 0.2956,
0.3233

■ 95.1240, 0.3001,
0.3248

■ 26.0486, 0.2933,
0.3225

122.3952, 0.3011,
0.3252

■ 16.8600, 0.2903,
0.3214

154.4360, 0.3019,
0.3255

■ 10.1347, 0.2862,
0.3199

191.6308, 0.3027,
0.3257

■ 5.4884, 0.2804,
0.3177

234.3642, 0.3033,
0.3259

■ 2.5366, 0.2712,
0.3141

283.0205, 0.3039,

■ 0.8949, 0.2536,

0.3261

0.3078

337.9840, 0.3044,
0.3263

0.0000, 0.0000,
0.0000

53.3533, 0.2974,
0.3239

53.3533, 0.2974,
0.3239

49.3360, 0.2824,
0.3183

57.7701, 0.3127,
0.3290

45.6964, 0.2680,
0.3123

62.5940, 0.3280,
0.3336

42.4205, 0.2545,
0.3058

67.8407, 0.3431,
0.3377

39.4908, 0.2422,
0.2990

72.5623, 0.3540,
0.3415

36.8882, 0.2314,
0.2919

74.5987, 0.3532,
0.3455

■ 34.5913, 0.2223,
0.2846

■ 76.6855, 0.3523,
0.3496

■ 32.5761, 0.2152,
0.2773

■ 78.8231, 0.3515,
0.3536

■ 30.8139, 0.2100,
0.2700

■ 81.0118, 0.3507,
0.3575

■ 29.2540, 0.2063,
0.2628

■ 83.2519, 0.3499,
0.3615

Harmonies

Analogous

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



53.3533, 0.3011, 0.3312



53.3533, 0.2974, 0.3239



53.3533, 0.2977, 0.3181

Triad

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



53.3533, 0.2974, 0.3239



53.3533, 0.3174, 0.3203



53.3533, 0.3234, 0.3429

Complementary

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



53.3533, 0.2974, 0.3239



49.8666, 0.3296, 0.3340

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.



53.3533, 0.3279, 0.3398



53.3533, 0.2974, 0.3239



53.3533, 0.3244, 0.3267

Square

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



53.3533, 0.2974, 0.3239



53.3533, 0.3092, 0.3161



53.3533, 0.3283, 0.3338



53.3533, 0.3161, 0.3423

Rectangle

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



53.3533, 0.2974, 0.3239



53.3533, 0.3002, 0.3159



53.3533, 0.3283, 0.3338



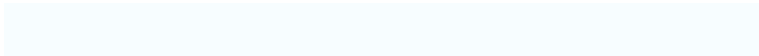
53.3533, 0.3253, 0.3423

Sweetspot

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



53.3555, 0.2974, 0.3239



97.6007, 0.3081, 0.3275



54.4867, 0.3087, 0.3494



20.7557, 0.3068, 0.3271



0.0000, 0.0000, 0.0000



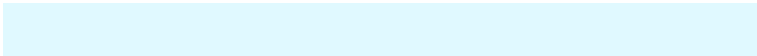
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3555, 0.2974, 0.3239



90.7897, 0.2941, 0.3227



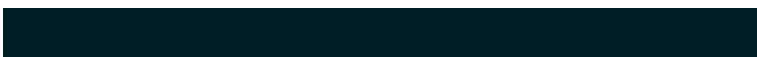
48.9918, 0.2973, 0.3112



11.6914, 0.2984, 0.3242



18.7228, 0.2066, 0.2638



0.9812, 0.2108, 0.2789

Inverse Universe

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



48.9071, 0.3171, 0.3095



81.6167, 0.3181, 0.3051



54.1714, 0.3283, 0.3462



10.7787, 0.3168, 0.3107



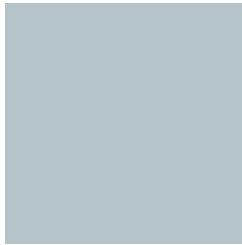
9.4301, 0.3787, 0.1860



0.4561, 0.3645, 0.1782

Previews

White Background



This preview shows how the Yxy color 53.3533, 0.2974, 0.3239 looks on a white background.

Color Contrast Check

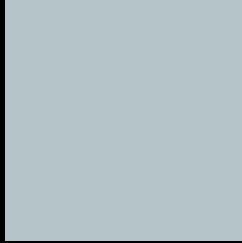
Large Text (above 18pt) WCAG AA × Fail

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 53.3533, 0.2974, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

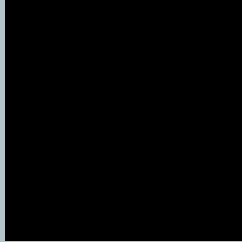
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

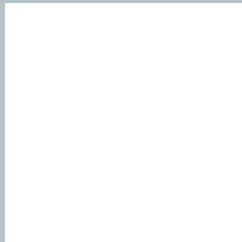
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3533, 0.2974, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 53.3533, 0.2974, 0.3239.



This preview shows how white text looks on a background with the Yxy color 53.3533, 0.2974, 0.3239.

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

53.3533, 0.2974, 0.3239

Protanopia

53.3786, 0.3106, 0.3217

Deuteranopia

53.0703, 0.3177, 0.3113



Tritanopia

53.1818, 0.2920, 0.3092

Trichromacy



Original Color

53.3533, 0.2974, 0.3239

Protanomaly

53.2106, 0.3059, 0.3216

Deuteranomaly

52.9143, 0.3101, 0.3157

Tritanomaly

53.3102, 0.2940, 0.3153

Monochromacy



Original Color

53.3533, 0.2974, 0.3239

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7714, 0.3072, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3533, 0.2974, 0.3239 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(180, 196, 200)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 200)  
}
```

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(180, 196, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 200) }
```

Border

The CSS property to change the border of an element to Yxy 53.3533, 0.2974, 0.3239 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(180, 196, 200) }
```

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

```
.border{ border-color:rgb(180, 196, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 196, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 196, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 196, 200);  
box-shadow:4px 4px 4px 4px rgb(180, 196,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3533, 0.2974, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 200) }
```

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

```
.background{ background-color: rgb(180,  
196, 200) }
```

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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