

Converting Colors

$Y_{xy}(53.0020, 0.2973, 0.3247)$

Have a look what the booklet for
Yxy(53.0020, 0.2973, 0.3247)
contains.

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Color

Yxy(53.1871, 0.2974, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	B3C4C7
RGB	179, 196, 199
RGB Percent	70%, 77%, 78%
CMY	0.2980, 0.2314, 0.2197
CMYK	0.10, 0.01, 0.00, 0.22
HSL	189°, 15%, 74%
HSV	189°, 10%, 78%
XYZ	48.6404, 53.1871, 61.7245
YIQ	191.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

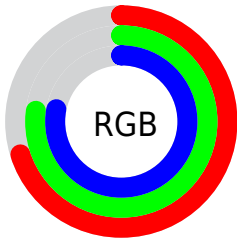
Format	Color
RYB	179, 188, 199
Decimal	11781319
CIELab	77.99, -5.17, -3.48
CIElCh	78, 6.236, 213.931
Yxy	53.1871, 0.2974, 0.3252
Android (android.graphics.Color)	4289971399 (0xFFB3C4C7)
YUV	191.2590, 3.8163, -10.7511
Hunter-Lab	72.9295, -8.5759, 0.8700

Details

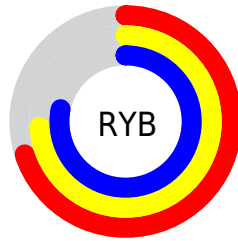
The Yxy color **53.1871, 0.2974, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8512, 0.3298, 0.3328**, and the grayscale version is **52.2429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1327, 0.3005, 0.3270**, and **25.8260, 0.2933, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **49.6592, 0.2826, 0.3211**, and if you desaturate by 10%, it is **57.0882, 0.3127, 0.3290**.

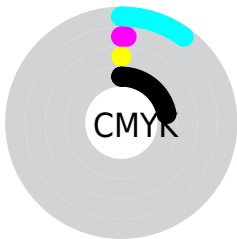
Distribution



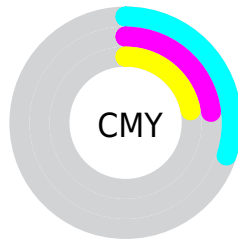
- Red (70%)
- Green (77%)
- Blue (78%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1871, 0.2974, 0.3252 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 53.1871, 0.2974, 0.3252 by changing the saturation by 10% instead.

■ 53.1871, 0.2974,
0.3252

■ 53.1871, 0.2974,
0.3252

■ 399.0025, 0.3049,
0.3271

■ 37.9522, 0.2956,
0.3247

■ 94.8796, 0.3001,
0.3259

■ 25.9456, 0.2933,
0.3241

■ 122.1060, 0.3011,
0.3262

■ 16.7829, 0.2903,
0.3233

■ 154.0983, 0.3019,
0.3264

■ 10.0798, 0.2862,
0.3222

■ 191.2409, 0.3027,
0.3266

■ 5.4519, 0.2803,
0.3205

■ 233.9183, 0.3033,
0.3267

■ 2.5148, 0.2711,
0.3177

■ 282.5147, 0.3039,

■ 0.8840, 0.2528,

0.3269

0.3130

337.4147, 0.3044,
0.3270

0.0000, 0.0000,
0.0000

53.1871, 0.2974,
0.3252

53.1871, 0.2974,
0.3252

49.6592, 0.2826,
0.3211

57.0882, 0.3127,
0.3290

46.4830, 0.2685,
0.3166

61.3696, 0.3281,
0.3324

43.6450, 0.2554,
0.3118

66.0466, 0.3435,
0.3355

41.1281, 0.2437,
0.3069

70.4403, 0.3557,
0.3383

38.9136, 0.2336,
0.3017

71.9021, 0.3551,
0.3413

■ 36.9809, 0.2252,
0.2964

■ 73.3911, 0.3545,
0.3443

■ 35.3061, 0.2188,
0.2911

■ 74.9076, 0.3538,
0.3473

■ 33.8615, 0.2143,
0.2858

■ 76.4516, 0.3532,
0.3503

■ 32.5977, 0.2113,
0.2806

■ 78.0234, 0.3525,
0.3533

Harmonies

Analogous

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



53.1871, 0.3020, 0.3328



53.1871, 0.2974, 0.3252



53.1871, 0.2969, 0.3188

Triad

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



53.1871, 0.2974, 0.3252



53.1871, 0.3159, 0.3189



53.1871, 0.3250, 0.3430

Complementary

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



53.1871, 0.2974, 0.3252



48.8512, 0.3298, 0.3328

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.



53.1871, 0.3288, 0.3390



53.1871, 0.2974, 0.3252



53.1871, 0.3235, 0.3252

Square

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



53.1871, 0.2974, 0.3252



53.1871, 0.3075, 0.3153



53.1871, 0.3283, 0.3325



53.1871, 0.3178, 0.3432

Rectangle

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



53.1871, 0.2974, 0.3252



53.1871, 0.2989, 0.3160



53.1871, 0.3283, 0.3325



53.1871, 0.3267, 0.3420

Sweetspot

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



53.1893, 0.2974, 0.3252



97.8511, 0.3080, 0.3279



53.7894, 0.3096, 0.3512



20.8235, 0.3068, 0.3276



0.0000, 0.0000, 0.0000



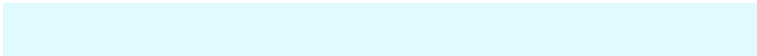
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1893, 0.2974, 0.3252



91.7700, 0.2942, 0.3243



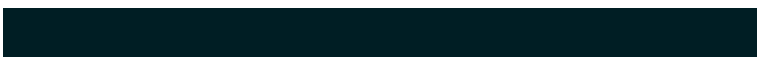
48.9695, 0.2973, 0.3129



11.7872, 0.2984, 0.3255



21.0666, 0.2115, 0.2813



1.0728, 0.2145, 0.2922

Inverse Universe

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



48.3730, 0.3162, 0.3082



81.7157, 0.3171, 0.3036



52.9467, 0.3285, 0.3446



10.7883, 0.3160, 0.3096



9.6667, 0.3622, 0.1769



0.4653, 0.3523, 0.1714

Previews

White Background



This preview shows how the Yxy color 53.1871, 0.2974, 0.3252 looks on a white background.

Color Contrast Check

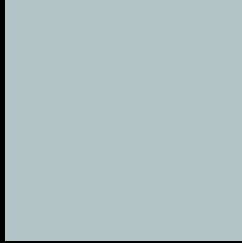
Large Text (above 18pt) WCAG AA × Fail

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 53.1871, 0.2974, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

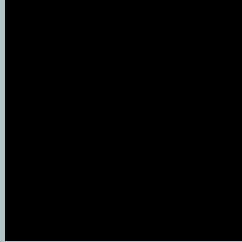
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

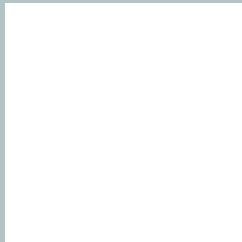
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1871, 0.2974, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 53.1871, 0.2974, 0.3252.



This preview shows how white text looks on a background with the Yxy color 53.1871, 0.2974, 0.3252.

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

53.1871, 0.2974, 0.3252

Protanopia

53.2869, 0.3121, 0.3241

Deuteranopia

53.0231, 0.3185, 0.3124



Tritanopia

53.0605, 0.2912, 0.3092

Trichromacy



Original Color

53.1871, 0.2974, 0.3252

Protanomaly

52.9900, 0.3066, 0.3240

Deuteranomaly

52.8674, 0.3109, 0.3169

Tritanomaly

53.1897, 0.2933, 0.3153

Monochromacy



Original Color

53.1871, 0.2974, 0.3252

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.5998, 0.3072, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1871, 0.2974, 0.3252 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(179, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 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(179, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.1871, 0.2974, 0.3252 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(179, 196, 199) }
```

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

```
.border{ border-color:rgb(179, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1871, 0.2974, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 199) }
```

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

```
.background{ background-color: rgb(179,  
196, 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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