

Converting Colors

$Yxy(53.3380, 0.3017, 0.3406)$

Have a look what the booklet for
Yxy(53.3380, 0.3017, 0.3406)
contains.

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Color

Yxy(53.2924, 0.3021, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	B0C6BD
RGB	176, 198, 189
RGB Percent	69%, 78%, 74%
CMY	0.3098, 0.2235, 0.2588
CMYK	0.11, 0.00, 0.05, 0.22
HSL	155°, 16%, 73%
HSV	155°, 11%, 78%
XYZ	47.2823, 53.2924, 55.9375
YIQ	190.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

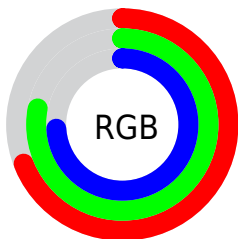
Format	Color
RYB	176, 190, 198
Decimal	11585213
CIELab	78.05, -9.20, 1.97
CIELCh	78, 9.407, 167.914
Yxy	53.2924, 0.3021, 0.3405
Android (android.graphics.Color)	4289775293 (0xFFB0C6BD)
YUV	190.3960, -0.6882, -12.6253
Hunter-Lab	73.0016, -12.1405, 5.6702

Details

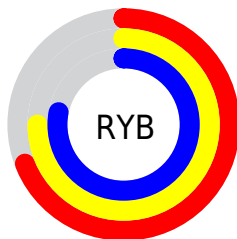
The Yxy color **53.2924, 0.3021, 0.3405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5575, 0.3247, 0.3178**, and the grayscale version is **51.7416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2684, 0.3043, 0.3390**, and **25.9350, 0.2986, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **50.8104, 0.2929, 0.3521**, and if you desaturate by 10%, it is **56.1352, 0.3116, 0.3301**.

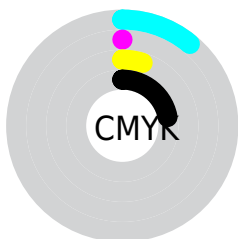
Distribution



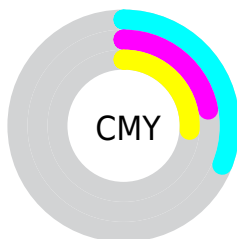
- Red (69%)
- Green (78%)
- Blue (74%)



- Red (69%)
- Yellow (75%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2924, 0.3021, 0.3405 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 53.2924, 0.3021, 0.3405 by changing the saturation by 10% instead.

■ 53.2924, 0.3021,
0.3405

■ 53.2924, 0.3021,
0.3405

399.4059, 0.3073,
0.3348

■ 38.0362, 0.3008,
0.3419

■ 95.0345, 0.3040,
0.3385

■ 26.0108, 0.2992,
0.3437

122.2892, 0.3047,
0.3377

■ 16.8317, 0.2971,
0.3460

154.3123, 0.3053,
0.3370

■ 10.1146, 0.2941,
0.3492

191.4880, 0.3058,
0.3365

■ 5.4750, 0.2899,
0.3540

234.2008, 0.3063,
0.3360

■ 2.5286, 0.2830,
0.3616

282.8352, 0.3067,

■ 0.8909, 0.2653,

0.3356

0.3798

337.7754, 0.3070,
0.3352

0.0000, 0.0000,
0.0000

53.2924, 0.3021,
0.3405

53.2924, 0.3021,
0.3405

50.8104, 0.2929,
0.3521

56.1352, 0.3116,
0.3301

48.6676, 0.2843,
0.3647

59.3461, 0.3213,
0.3208

46.8504, 0.2766,
0.3785

62.9403, 0.3309,
0.3126

45.3416, 0.2701,
0.3932

66.8934, 0.3402,
0.3053

44.1223, 0.2652,
0.4086

67.3368, 0.3340,
0.2973

■ 43.1716, 0.2621,
0.4244

■ 67.8014, 0.3279,
0.2895

■ 42.4656, 0.2609,
0.4404

■ 68.2874, 0.3220,
0.2818

■ 41.9758, 0.2617,
0.4561

■ 68.7950, 0.3162,
0.2743

■ 41.6753, 0.2638,
0.4698

■ 68.8712, 0.3153,
0.2732

Harmonies

Analogous

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



53.2924, 0.3145, 0.3486



53.2924, 0.3021, 0.3405



53.2924, 0.2927, 0.3293

Triad

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



53.2924, 0.3021, 0.3405



53.2924, 0.2987, 0.3077



53.2924, 0.3375, 0.3390

Complementary

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



53.2924, 0.3021, 0.3405



46.5575, 0.3247, 0.3178

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.



53.2924, 0.3331, 0.3283



53.2924, 0.3021, 0.3405



53.2924, 0.3106, 0.3104

Square

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



53.2924, 0.3021, 0.3405



53.2924, 0.2908, 0.3104



53.2924, 0.3232, 0.3179



53.2924, 0.3351, 0.3474

Rectangle

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



53.2924, 0.3021, 0.3405



53.2924, 0.2893, 0.3217



53.2924, 0.3232, 0.3179



53.2924, 0.3368, 0.3356

Sweetspot

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



53.2946, 0.3021, 0.3405



98.3779, 0.3098, 0.3320



53.8604, 0.3187, 0.3570



20.9663, 0.3090, 0.3328



0.0000, 0.0000, 0.0000



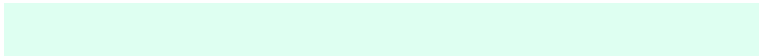
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2946, 0.3021, 0.3405



93.4029, 0.3002, 0.3428



52.8644, 0.2958, 0.3266



11.9913, 0.3037, 0.3386



27.1178, 0.2633, 0.4677



1.2982, 0.2543, 0.4355

Inverse Universe

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



46.5575, 0.3247, 0.3178



79.4450, 0.3272, 0.3156



46.9132, 0.3321, 0.3314



10.7077, 0.3227, 0.3196



8.2102, 0.5318, 0.2703



0.4031, 0.4775, 0.2404

Previews

White Background



This preview shows how the Yxy color 53.2924, 0.3021, 0.3405 looks on a white background.

Color Contrast Check

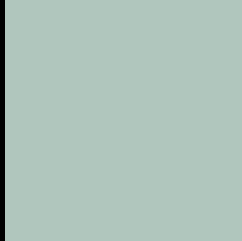
Large Text (above 18pt) WCAG AA × Fail

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 53.2924, 0.3021, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

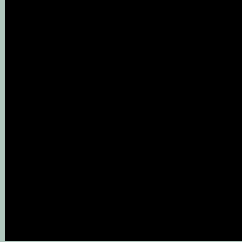
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

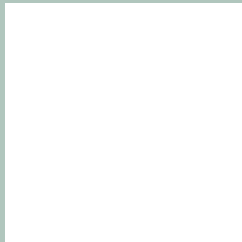
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2924, 0.3021, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 53.2924, 0.3021, 0.3405.

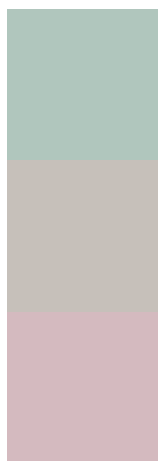


This preview shows how white text looks on a background with the Yxy color 53.2924, 0.3021, 0.3405.

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

53.2924, 0.3021, 0.3405

Protanopia

53.2502, 0.3222, 0.3364

Deuteranopia

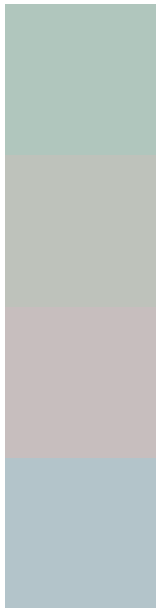
52.8764, 0.3307, 0.3231



Tritanopia

53.3867, 0.2905, 0.3104

Trichromacy



Original Color

53.2924, 0.3021, 0.3405

Protanomaly

53.1186, 0.3147, 0.3377

Deuteranomaly

52.6867, 0.3201, 0.3290

Tritanomaly

53.3278, 0.2953, 0.3214

Monochromacy



Original Color

53.2924, 0.3021, 0.3405

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1719, 0.3085, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2924, 0.3021, 0.3405 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(176, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(176, 198, 189)  
}
```

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(176, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 198, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.2924, 0.3021, 0.3405 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(176, 198, 189) }
```

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

```
.border{ border-color:rgb(176, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(176, 198,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2924, 0.3021, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 198, 189) }
```

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

```
.background{ background-color: rgb(176,  
198, 189) }
```

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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