

Converting Colors

Yxy(51.3917, 0.2974, 0.3172)

Have a look what the booklet for
Yxy(51.3917, 0.2974, 0.3172)
contains.

Yxy(51.3024, 0.2974, 0.3164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.3024, 0.2974, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	B5BFC9
RGB	181, 191, 201
RGB Percent	71%, 75%, 79%
CMY	0.2904, 0.2509, 0.2118
CMYK	0.10, 0.05, 0.00, 0.21
HSL	210°, 16%, 75%
HSV	210°, 10%, 79%
XYZ	48.2217, 51.3024, 62.6201
YIQ	189.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

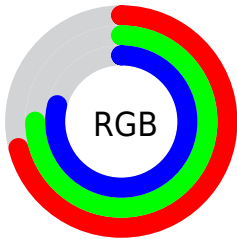
Format	Color
R_{YB}	181, 188, 201
Decimal	11911113
CIE _{Lab}	76.86, -1.48, -6.21
CIE _{LCh}	77, 6.389, 256.585
Yxy	51.3024, 0.2974, 0.3164
Android (android.graphics.Color)	4290101193 (0xFFB5BFC9)
YUV	189.1500, 5.8421, -7.1475
Hunter-Lab	71.6257, -5.1707, -1.6974

Details

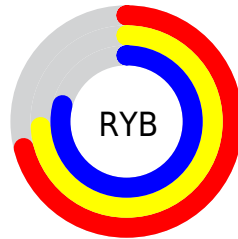
The Yxy color **51.3024, 0.2974, 0.3164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9886, 0.3288, 0.3413**, and the grayscale version is **50.9465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7461, 0.3018, 0.3211**, and **24.8727, 0.2932, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **44.8287, 0.2815, 0.3023**, and if you desaturate by 10%, it is **58.4295, 0.3128, 0.3290**.

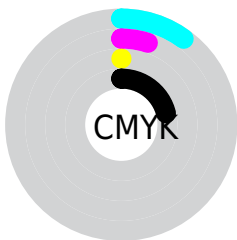
Distribution



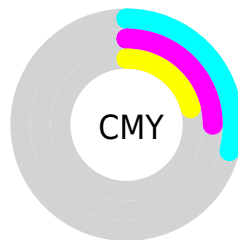
- Red (71%)
- Green (75%)
- Blue (79%)



- Red (71%)
- Yellow (74%)
- Blue (79%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3024, 0.2974, 0.3164 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 51.3024, 0.2974, 0.3164 by changing the saturation by 10% instead.

■ 51.3024, 0.2974,
0.3164

■ 51.3024, 0.2974,
0.3164

391.7375, 0.3049,
0.3226

■ 36.4493, 0.2956,
0.3149

■ 92.1016, 0.3001,
0.3186

■ 24.7814, 0.2932,
0.3129

118.8165, 0.3011,
0.3195

■ 15.9143, 0.2902,
0.3104

150.2542, 0.3020,
0.3202

■ 9.4635, 0.2860,
0.3068

186.7990, 0.3027,
0.3208

■ 5.0447, 0.2799,
0.3017

228.8354, 0.3034,
0.3214

■ 2.2735, 0.2702,
0.2934

276.7476, 0.3040,

■ 0.7596, 0.2504,

0.3218

0.2774

330.9202, 0.3045,
0.3222

0.0000, 0.0000,
0.0000

51.3024, 0.2974,
0.3164

51.3024, 0.2974,
0.3164

44.8287, 0.2815,
0.3023

58.4295, 0.3128,
0.3290

38.9811, 0.2652,
0.2868

66.2234, 0.3274,
0.3403

33.7396, 0.2490,
0.2699

74.7050, 0.3412,
0.3502

29.0806, 0.2332,
0.2519

82.6667, 0.3494,
0.3594

24.9786, 0.2183,
0.2329

88.4352, 0.3474,
0.3690

■ 21.4056, 0.2048,
0.2135

■ 94.5295, 0.3455,
0.3784

■ 18.3307, 0.1933,
0.1941

■ 96.9972, 0.3448,
0.3820

■ 15.7180, 0.1842,
0.1753

■ 13.5061, 0.1771,
0.1575

Harmonies

Analogous

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



51.3024, 0.2961, 0.3220



51.3024, 0.2974, 0.3164



51.3024, 0.3028, 0.3143

Triad

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



51.3024, 0.2974, 0.3164



51.3024, 0.3265, 0.3282



51.3024, 0.3144, 0.3425

Complementary

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



51.3024, 0.2974, 0.3164



52.9886, 0.3288, 0.3413

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.



51.3024, 0.3226, 0.3441



51.3024, 0.2974, 0.3164



51.3024, 0.3297, 0.3357

Square

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



51.3024, 0.2974, 0.3164



51.3024, 0.3196, 0.3210



51.3024, 0.3282, 0.3415



51.3024, 0.3058, 0.3372

Rectangle

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



51.3024, 0.2974, 0.3164



51.3024, 0.3080, 0.3150



51.3024, 0.3282, 0.3415



51.3024, 0.3173, 0.3435

Sweetspot

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



51.3046, 0.2974, 0.3164



96.1705, 0.3081, 0.3253



55.3390, 0.3047, 0.3420



20.3692, 0.3069, 0.3243



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.



51.3046, 0.2974, 0.3164



85.3085, 0.2939, 0.3134



47.2015, 0.2973, 0.3039



11.1523, 0.2983, 0.3172



8.6717, 0.1778, 0.1599



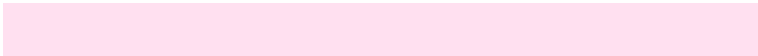
0.5555, 0.1883, 0.1978

Inverse Universe

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



49.2101, 0.3218, 0.3167



81.0634, 0.3241, 0.3139



57.3713, 0.3275, 0.3529



10.7243, 0.3212, 0.3175



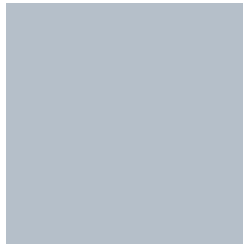
8.4154, 0.4932, 0.2491



0.4131, 0.4478, 0.2241

Previews

White Background



This preview shows how the Yxy color 51.3024, 0.2974, 0.3164 looks on a white background.

Color Contrast Check

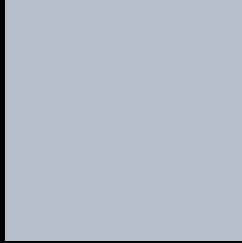
Large Text (above 18pt) WCAG AA × Fail

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 51.3024, 0.2974, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

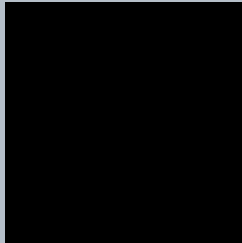
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

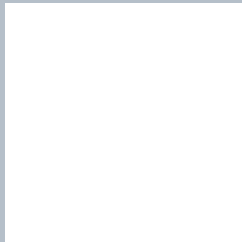
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3024, 0.2974, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 51.3024, 0.2974, 0.3164.

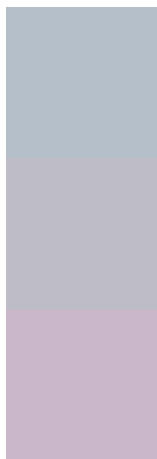


This preview shows how white text looks on a background with the Yxy color 51.3024, 0.2974, 0.3164.

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

51.3024, 0.2974, 0.3164

Protanopia

51.0371, 0.3060, 0.3154

Deuteranopia

51.1018, 0.3137, 0.3074



Tritanopia

51.1798, 0.2953, 0.3102

Trichromacy



Original Color

51.3024, 0.2974, 0.3164

Protanomaly

51.1301, 0.3029, 0.3153

Deuteranomaly

51.2742, 0.3070, 0.3106

Tritanomaly

51.1316, 0.2961, 0.3115

Monochromacy



Original Color

51.3024, 0.2974, 0.3164

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1163, 0.3072, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3024, 0.2974, 0.3164 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(181, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 191, 201)  
}
```

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(181, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 191, 201) }
```

Border

The CSS property to change the border of an element to Yxy 51.3024, 0.2974, 0.3164 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(181, 191, 201) }
```

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

```
.border{ border-color:rgb(181, 191, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(181, 191,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3024, 0.2974, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 191, 201) }
```

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

```
.background{ background-color: rgb(181,  
191, 201) }
```

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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