

Converting Colors

$Yxy(50.0487, 0.2973, 0.3163)$

Have a look what the booklet for
Yxy(50.0487, 0.2973, 0.3163)
contains.

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Color

Yxy(50.1024, 0.2973, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	B3BDC7
RGB	179, 189, 199
RGB Percent	70%, 74%, 78%
CMY	0.2981, 0.2588, 0.2197
CMYK	0.10, 0.05, 0.00, 0.22
HSL	210°, 15%, 74%
HSV	210°, 10%, 78%
XYZ	47.0928, 50.1024, 61.2063
YIQ	187.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

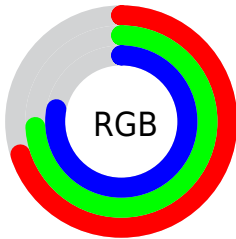
Format	Color
R _Y B	179, 186, 199
Decimal	11779527
CIE Lab	76.13, -1.47, -6.21
CIE LCh	76, 6.384, 256.657
Yxy	50.1024, 0.2973, 0.3163
Android (android.graphics.Color)	4289969607 (0xFFB3BDC7)
YUV	187.1500, 5.8420, -7.1476
Hunter-Lab	70.7830, -5.1122, -1.7201

Details

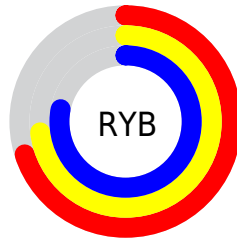
The Yxy color **50.1024, 0.2973, 0.3163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7705, 0.3289, 0.3414**, and the grayscale version is **49.7530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1870, 0.3006, 0.3190**, and **24.0883, 0.2930, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **43.7778, 0.2814, 0.3022**, and if you desaturate by 10%, it is **57.0654, 0.3127, 0.3289**.

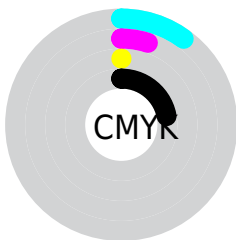
Distribution



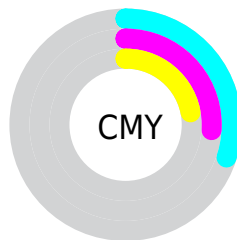
- Red (70%)
- Green (74%)
- Blue (78%)



- Red (70%)
- Yellow (73%)
- Blue (78%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1024, 0.2973, 0.3163 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 50.1024, 0.2973, 0.3163 by changing the saturation by 10% instead.

■ 50.1024, 0.2973,
0.3163

■ 50.1024, 0.2973,
0.3163

387.0663, 0.3049,
0.3226

■ 35.4948, 0.2954,
0.3147

■ 90.3266, 0.3000,
0.3186

■ 24.0442, 0.2931,
0.3128

116.7119, 0.3011,
0.3194

■ 15.3664, 0.2899,
0.3101

147.7919, 0.3019,
0.3202

■ 9.0770, 0.2856,
0.3065

183.9511, 0.3027,
0.3208

■ 4.7914, 0.2794,
0.3012

225.5736, 0.3034,
0.3213

■ 2.1254, 0.2693,
0.2926

273.0441, 0.3039,

■ 0.6789, 0.2460,

0.3218

0.2741

326.7469, 0.3044,
0.3222

0.0000, 0.0000,
0.0000

50.1024, 0.2973,
0.3163

50.1024, 0.2973,
0.3163

43.7778, 0.2814,
0.3022

57.0654, 0.3127,
0.3289

38.0650, 0.2651,
0.2867

64.6799, 0.3273,
0.3402

32.9444, 0.2489,
0.2698

72.9664, 0.3410,
0.3501

28.3929, 0.2331,
0.2517

81.2568, 0.3513,
0.3591

24.3857, 0.2182,
0.2328

86.8968, 0.3493,
0.3687

■ 20.8955, 0.2048,
0.2133

■ 92.8556, 0.3473,
0.3781

■ 17.8919, 0.1933,
0.1939

■ 96.9024, 0.3460,
0.3840

■ 15.3399, 0.1841,
0.1751

■ 13.1876, 0.1771,
0.1574

Harmonies

Analogous

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



50.1024, 0.2959, 0.3219



50.1024, 0.2973, 0.3163



50.1024, 0.3027, 0.3142

Triad

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



50.1024, 0.2973, 0.3163



50.1024, 0.3266, 0.3282



50.1024, 0.3144, 0.3426

Complementary

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



50.1024, 0.2973, 0.3163



51.7705, 0.3289, 0.3414

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.



50.1024, 0.3227, 0.3442



50.1024, 0.2973, 0.3163



50.1024, 0.3298, 0.3358

Square

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



50.1024, 0.2973, 0.3163



50.1024, 0.3197, 0.3210



50.1024, 0.3283, 0.3416



50.1024, 0.3057, 0.3372

Rectangle

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



50.1024, 0.2973, 0.3163



50.1024, 0.3080, 0.3149



50.1024, 0.3283, 0.3416



50.1024, 0.3173, 0.3436

Sweetspot

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



50.1045, 0.2973, 0.3163



96.1677, 0.3081, 0.3253



54.0777, 0.3046, 0.3421



20.3684, 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.



50.1045, 0.2973, 0.3163



85.2980, 0.2939, 0.3134



46.0757, 0.2972, 0.3037



11.1513, 0.2983, 0.3172



8.6574, 0.1777, 0.1597



0.5548, 0.1882, 0.1976

Inverse Universe

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



48.0503, 0.3219, 0.3166



81.0624, 0.3241, 0.3139



56.0761, 0.3276, 0.3531



10.7241, 0.3213, 0.3175



8.4140, 0.4934, 0.2492



0.4130, 0.4480, 0.2242

Previews

White Background



This preview shows how the Yxy color 50.1024, 0.2973, 0.3163 looks on a white background.

Color Contrast Check

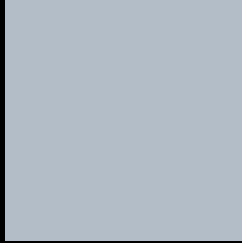
Large Text (above 18pt) WCAG AA × Fail

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 50.1024, 0.2973, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

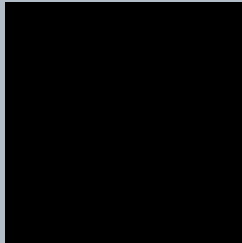
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

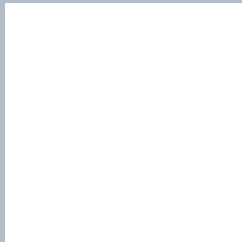
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1024, 0.2973, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 50.1024, 0.2973, 0.3163.

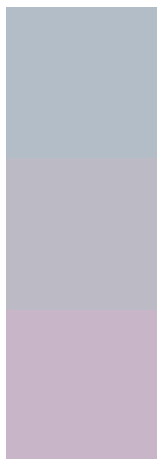


This preview shows how white text looks on a background with the Yxy color 50.1024, 0.2973, 0.3163.

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

50.1024, 0.2973, 0.3163

Protanopia

49.8404, 0.3060, 0.3152

Deuteranopia

49.9054, 0.3137, 0.3072



Tritanopia

49.9815, 0.2952, 0.3100

Trichromacy



Original Color

50.1024, 0.2973, 0.3163

Protanomaly

49.9322, 0.3028, 0.3152

Deuteranomaly

50.0745, 0.3070, 0.3105

Tritanomaly

49.9340, 0.2959, 0.3113

Monochromacy



Original Color

50.1024, 0.2973, 0.3163

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9184, 0.3072, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1024, 0.2973, 0.3163 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, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 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, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 199) }
```

Border

The CSS property to change the border of an element to Yxy 50.1024, 0.2973, 0.3163 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, 189, 199) }
```

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

```
.border{ border-color:rgb(179, 189, 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, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1024, 0.2973, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 199) }
```

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

```
.background{ background-color: rgb(179,  
189, 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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