

Converting Colors

$Y_{xy}(50.4376, 0.2920, 0.3042)$

Have a look what the booklet for
Yxy(50.4376, 0.2920, 0.3042)
contains.

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Color

Yxy(50.3443, 0.2924, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	B5BCD0
RGB	181, 188, 208
RGB Percent	71%, 74%, 82%
CMY	0.2902, 0.2627, 0.1843
CMYK	0.13, 0.10, 0.00, 0.18
HSL	224°, 22%, 76%
HSV	224°, 13%, 82%
XYZ	48.4233, 50.3443, 66.8387
YIQ	188.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

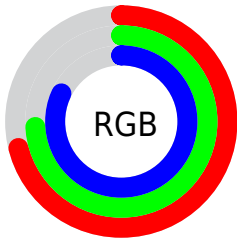
Format	Color
R _Y B	181, 187, 208
Decimal	11910352
CIE Lab	76.28, 1.58, -10.87
CIE LCh	76, 10.986, 278.269
Yxy	50.3443, 0.2924, 0.3040
Android (android.graphics.Color)	4290100432 (0xFFB5BCD0)
YUV	188.1870, 9.7678, -6.3030
Hunter-Lab	70.9537, -2.3494, -6.1838

Details

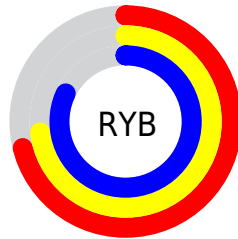
The Yxy color **50.3443, 0.2924, 0.3040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5142, 0.3331, 0.3528**, and the grayscale version is **50.3498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9259, 0.3018, 0.3181**, and **24.2502, 0.2865, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **41.7841, 0.2753, 0.2820**, and if you desaturate by 10%, it is **59.9862, 0.3082, 0.3236**.

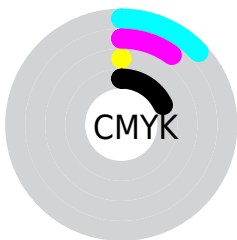
Distribution



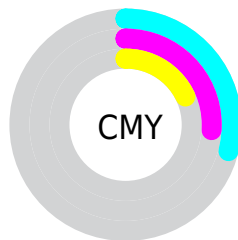
- Red (71%)
- Green (74%)
- Blue (82%)



- Red (71%)
- Yellow (73%)
- Blue (82%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3443, 0.2924, 0.3040 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 50.3443, 0.2924, 0.3040 by changing the saturation by 10% instead.

■ 50.3443, 0.2924,
0.3040

■ 50.3443, 0.2924,
0.3040

388.0108, 0.3024,
0.3163

■ 35.6870, 0.2899,
0.3010

■ 90.6848, 0.2960,
0.3084

■ 24.1926, 0.2868,
0.2972

117.1368, 0.2974,
0.3101

■ 15.4765, 0.2827,
0.2923

148.2892, 0.2985,
0.3115

■ 9.1545, 0.2771,
0.2855

184.5264, 0.2995,
0.3127

■ 4.8421, 0.2689,
0.2757

226.2328, 0.3004,
0.3138

■ 2.1549, 0.2559,
0.2602

273.7927, 0.3011,

■ 0.6952, 0.2313,

0.3147

0.2299

327.5906, 0.3018,
0.3155

■ 0.0000, 0.0000,
0.0000

■ 50.3443, 0.2924,
0.3040

■ 50.3443, 0.2924,
0.3040

■ 41.7841, 0.2753,
0.2820

■ 59.9862, 0.3082,
0.3236

■ 34.2608, 0.2572,
0.2577

■ 70.7401, 0.3227,
0.3409

■ 27.7356, 0.2385,
0.2314

■ 82.6428, 0.3359,
0.3560

■ 22.1649, 0.2198,
0.2038

■ 93.9413, 0.3415,
0.3700

■ 17.5016, 0.2021,
0.1757

■ 97.3340, 0.3406,
0.3751

■ 13.6943, 0.1861,
0.1484

■ 10.6857, 0.1729,
0.1234

■ 8.4104, 0.1632,
0.1020

■ 7.1921, 0.1582,
0.0896

Harmonies

Analogous

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



50.3443, 0.2850, 0.3092



50.3443, 0.2924, 0.3040



50.3443, 0.3053, 0.3053

Triad

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



50.3443, 0.2924, 0.3040



50.3443, 0.3414, 0.3369



50.3443, 0.3046, 0.3464

Complementary

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



50.3443, 0.2924, 0.3040



58.5142, 0.3331, 0.3528

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.



50.3443, 0.3196, 0.3541



50.3443, 0.2924, 0.3040



50.3443, 0.3412, 0.3481

Square

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



50.3443, 0.2924, 0.3040



50.3443, 0.3338, 0.3239



50.3443, 0.3331, 0.3546



50.3443, 0.2919, 0.3338

Rectangle

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



50.3443, 0.2924, 0.3040



50.3443, 0.3154, 0.3095



50.3443, 0.3331, 0.3546



50.3443, 0.3095, 0.3497

Sweetspot

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



50.3464, 0.2924, 0.3040



93.3924, 0.3066, 0.3216



59.1424, 0.2978, 0.3378



19.7307, 0.3055, 0.3202



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.



50.3464, 0.2924, 0.3040



75.2842, 0.2870, 0.2972



48.2024, 0.2972, 0.2955



11.9096, 0.2982, 0.3113



4.6168, 0.1589, 0.0918



0.3888, 0.1690, 0.1284

Inverse Universe

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



50.0871, 0.3304, 0.3206



74.8793, 0.3355, 0.3184



60.9621, 0.3270, 0.3614



11.8579, 0.3250, 0.3230



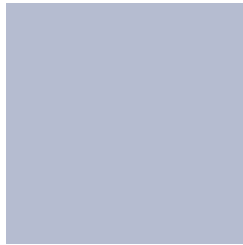
8.5373, 0.5883, 0.3015



0.4905, 0.5349, 0.2720

Previews

White Background



This preview shows how the Yxy color 50.3443, 0.2924, 0.3040 looks on a white background.

Color Contrast Check

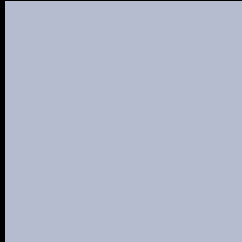
Large Text (above 18pt) WCAG AA × Fail

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 50.3443, 0.2924, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

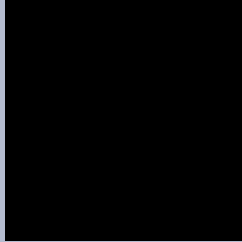
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

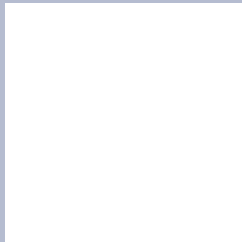
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3443, 0.2924, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 50.3443, 0.2924, 0.3040.



This preview shows how white text looks on a background with the Yxy color 50.3443, 0.2924, 0.3040.

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

50.3443, 0.2924, 0.3040

Protanopia

50.4847, 0.2970, 0.3042

Deuteranopia

50.2062, 0.3035, 0.2976



Tritanopia

50.4581, 0.2945, 0.3101

Trichromacy



Original Color

50.3443, 0.2924, 0.3040

Protanomaly

50.2360, 0.2954, 0.3041

Deuteranomaly

50.3777, 0.2995, 0.2997

Tritanomaly

50.5063, 0.2938, 0.3089

Monochromacy



Original Color

50.3443, 0.2924, 0.3040

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2209, 0.3050, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3443, 0.2924, 0.3040 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, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 208)  
}
```

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, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 208) }
```

Border

The CSS property to change the border of an element to Yxy 50.3443, 0.2924, 0.3040 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, 188, 208) }
```

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

```
.border{ border-color:rgb(181, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3443, 0.2924, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 208) }
```

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

```
.background{ background-color: rgb(181,  
188, 208) }
```

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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