

Converting Colors

$Yxy(50.8152, 0.3024, 0.3264)$

Have a look what the booklet for
Yxy(50.8152, 0.3024, 0.3264)
contains.

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Color

Yxy(50.8152, 0.3024, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B4BFC1
RGB	180, 191, 193
RGB Percent	71%, 75%, 76%
CMY	0.2942, 0.2510, 0.2431
CMYK	0.07, 0.01, 0.00, 0.24
HSL	189°, 10%, 73%
HSV	189°, 7%, 76%
XYZ	47.0788, 50.8152, 57.7898
YIQ	187.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

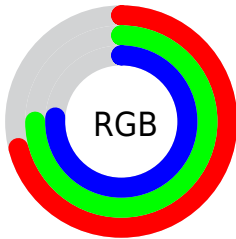
Format	Color
RYB	180, 186, 193
Decimal	11845569
CIELab	76.57, -3.39, -2.33
CIELCh	77, 4.112, 214.546
Yxy	50.8152, 0.3024, 0.3264
Android (android.graphics.Color)	4290035649 (0xFFB4BFC1)
YUV	187.9390, 2.4951, -6.9625
Hunter-Lab	71.2848, -6.8612, 1.8336

Details

The Yxy color **50.8152, 0.3024, 0.3264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0934, 0.3238, 0.3316**, and the grayscale version is **50.2425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1939, 0.3046, 0.3270**, and **24.5824, 0.2989, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **47.3713, 0.2874, 0.3222**, and if you desaturate by 10%, it is **54.6125, 0.3177, 0.3302**.

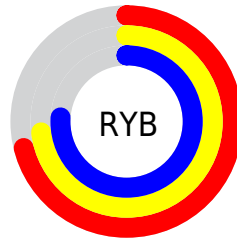
Distribution



Red (71%)

Green (75%)

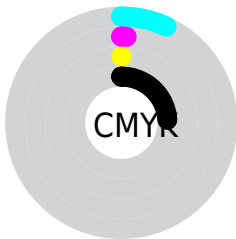
Blue (76%)



Red (71%)

Yellow (73%)

Blue (76%)

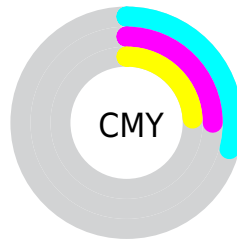


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8152, 0.3024, 0.3264 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 50.8152, 0.3024, 0.3264 by changing the saturation by 10% instead.

■ 50.8152, 0.3024,
0.3264

■ 50.8152, 0.3024,
0.3264

389.8454, 0.3075,
0.3277

■ 36.0616, 0.3012,
0.3261

■ 91.3815, 0.3042,
0.3269

■ 24.4817, 0.2996,
0.3257

117.9630, 0.3049,
0.3271

■ 15.6914, 0.2975,
0.3251

149.2559, 0.3055,
0.3272

■ 9.3060, 0.2946,
0.3243

185.6447, 0.3060,
0.3273

■ 4.9413, 0.2904,
0.3231

227.5136, 0.3064,
0.3274

■ 2.2129, 0.2837,
0.3212

275.2470, 0.3068,

■ 0.7270, 0.2656,

0.3275

0.3175

329.2295, 0.3072,
0.3276

0.0000, 0.0000,
0.0000

50.8152, 0.3024,
0.3264

50.8152, 0.3024,
0.3264

47.3713, 0.2874,
0.3222

54.6125, 0.3177,
0.3302

44.2610, 0.2730,
0.3177

58.7694, 0.3331,
0.3336

41.4721, 0.2596,
0.3129

63.3000, 0.3483,
0.3367

38.9891, 0.2474,
0.3078

67.7963, 0.3615,
0.3394

36.7953, 0.2366,
0.3025

69.2190, 0.3608,
0.3425

■ 34.8720, 0.2276,
0.2971

■ 70.6691, 0.3601,
0.3455

■ 33.1984, 0.2205,
0.2916

■ 72.1466, 0.3593,
0.3485

■ 31.7500, 0.2152,
0.2861

■ 73.6516, 0.3586,
0.3515

■ 30.4944, 0.2118,
0.2807

■ 75.1844, 0.3579,
0.3545

Harmonies

Analogous

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



50.8152, 0.3054, 0.3315



50.8152, 0.3024, 0.3264



50.8152, 0.3021, 0.3221

Triad

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



50.8152, 0.3024, 0.3264



50.8152, 0.3150, 0.3223



50.8152, 0.3208, 0.3384

Complementary

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



50.8152, 0.3024, 0.3264



48.0934, 0.3238, 0.3316

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.



50.8152, 0.3235, 0.3358



50.8152, 0.3024, 0.3264



50.8152, 0.3200, 0.3266

Square

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



50.8152, 0.3024, 0.3264



50.8152, 0.3093, 0.3198



50.8152, 0.3232, 0.3315



50.8152, 0.3161, 0.3384

Rectangle

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



50.8152, 0.3024, 0.3264



50.8152, 0.3035, 0.3203



50.8152, 0.3232, 0.3315



50.8152, 0.3220, 0.3378

Sweetspot

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



50.8173, 0.3024, 0.3264



94.1207, 0.3096, 0.3282



51.2261, 0.3105, 0.3433



20.2069, 0.3098, 0.3283



97.7402, 0.3127, 0.3290



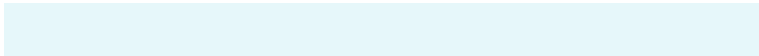
20.4902, 0.3127, 0.3290

Same Dimension

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



50.8173, 0.3024, 0.3264



90.1083, 0.3003, 0.3259



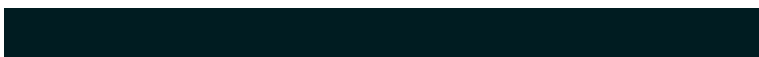
48.0640, 0.3025, 0.3181



11.1545, 0.2984, 0.3253



20.1157, 0.2110, 0.2796



0.9423, 0.2144, 0.2917

Inverse Universe

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



47.7410, 0.3151, 0.3152



83.5516, 0.3156, 0.3124



50.7983, 0.3231, 0.3397



10.2199, 0.3161, 0.3098



9.3129, 0.3638, 0.1778



0.4098, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 50.8152, 0.3024, 0.3264 looks on a white background.

Color Contrast Check

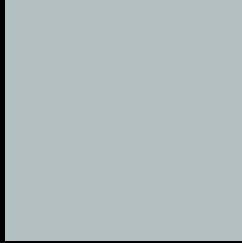
Large Text (above 18pt) WCAG AA × Fail

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 50.8152, 0.3024, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

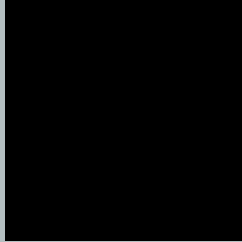
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

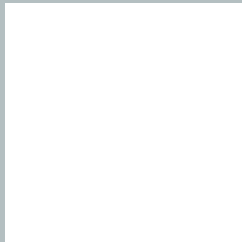
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8152, 0.3024, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 50.8152, 0.3024, 0.3264.



This preview shows how white text looks on a background with the Yxy color 50.8152, 0.3024, 0.3264.

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

50.8152, 0.3024, 0.3264

Protanopia

50.8044, 0.3129, 0.3253

Deuteranopia

50.6445, 0.3210, 0.3145



Tritanopia

50.6999, 0.2960, 0.3102

Trichromacy



Original Color

50.8152, 0.3024, 0.3264

Protanomaly

50.7658, 0.3088, 0.3252

Deuteranomaly

50.6150, 0.3140, 0.3191

Tritanomaly

50.8208, 0.2981, 0.3164

Monochromacy



Original Color

50.8152, 0.3024, 0.3264

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.4272, 0.3087, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8152, 0.3024, 0.3264 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(180, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 193)  
}
```

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(180, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 193) }
```

Border

The CSS property to change the border of an element to Yxy 50.8152, 0.3024, 0.3264 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(180, 191, 193) }
```

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

```
.border{ border-color:rgb(180, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8152, 0.3024, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 193) }
```

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

```
.background{ background-color: rgb(180,  
191, 193) }
```

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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