

Converting Colors

$Y_{xy}(49.9390, 0.3056, 0.3224)$

Have a look what the booklet for
Yxy(49.9390, 0.3056, 0.3224)
contains.

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Color

Yxy(50.0070, 0.3057, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	B8BCC1
RGB	184, 188, 193
RGB Percent	72%, 74%, 76%
CMY	0.2782, 0.2628, 0.2431
CMYK	0.05, 0.03, 0.00, 0.24
HSL	214°, 7%, 74%
HSV	214°, 5%, 76%
XYZ	47.3873, 50.0070, 57.6181
YIQ	187.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

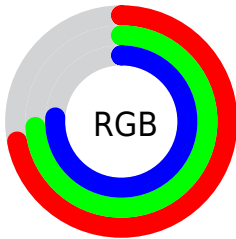
Format	Color
RYB	184, 187, 193
Decimal	12106945
CIELab	76.07, -0.40, -3.02
CIElCh	76, 3.048, 262.496
Yxy	50.0070, 0.3057, 0.3226
Android (android.graphics.Color)	4290297025 (0xFFB8BCC1)
YUV	187.3740, 2.7736, -2.9590
Hunter-Lab	70.7156, -4.1376, 1.1923

Details

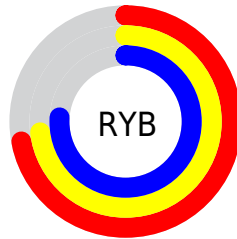
The Yxy color **50.0070, 0.3057, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2367, 0.3198, 0.3353**, and the grayscale version is **49.9078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0662, 0.3072, 0.3240**, and **24.0467, 0.3032, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **43.3273, 0.2900, 0.3076**, and if you desaturate by 10%, it is **57.3640, 0.3206, 0.3359**.

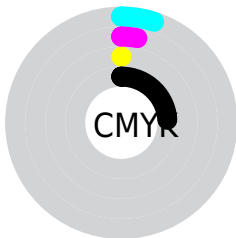
Distribution



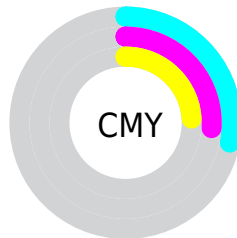
- Red (72%)
- Green (74%)
- Blue (76%)



- Red (72%)
- Yellow (73%)
- Blue (76%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0070, 0.3057, 0.3226 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 50.0070, 0.3057, 0.3226 by changing the saturation by 10% instead.

■ 50.0070, 0.3057,
0.3226

■ 50.0070, 0.3057,
0.3226

386.6933, 0.3092,
0.3258

■ 35.4190, 0.3048,
0.3218

■ 90.1852, 0.3070,
0.3237

■ 23.9858, 0.3038,
0.3208

116.5442, 0.3074,
0.3242

■ 15.3231, 0.3023,
0.3195

147.5957, 0.3078,
0.3245

■ 9.0464, 0.3003,
0.3177

183.7240, 0.3082,
0.3249

■ 4.7715, 0.2974,
0.3150

225.3135, 0.3085,
0.3251

■ 2.1138, 0.2927,
0.3106

272.7486, 0.3087,

■ 0.6724, 0.2803,

0.3254

0.2995

326.4137, 0.3090,
0.3256

0.0000, 0.0000,
0.0000

50.0070, 0.3057,
0.3226

50.0070, 0.3057,
0.3226

43.3273, 0.2900,
0.3076

57.3640, 0.3206,
0.3359

37.2978, 0.2736,
0.2910

65.4116, 0.3345,
0.3477

31.8989, 0.2569,
0.2727

74.1707, 0.3474,
0.3581

27.1073, 0.2402,
0.2529

82.4520, 0.3548,
0.3678

22.8983, 0.2239,
0.2319

88.7197, 0.3524,
0.3781

■ 19.2451, 0.2088,
0.2103

■ 95.3697, 0.3500,
0.3881

■ 16.1182, 0.1953,
0.1885

■ 96.6312, 0.3496,
0.3899

■ 13.4847, 0.1840,
0.1673

■ 11.3060, 0.1754,
0.1474

Harmonies

Analogous

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



50.0070, 0.3046, 0.3250



50.0070, 0.3057, 0.3226



50.0070, 0.3086, 0.3219

Triad

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



50.0070, 0.3057, 0.3226



50.0070, 0.3198, 0.3294



50.0070, 0.3127, 0.3351

Complementary

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



50.0070, 0.3057, 0.3226



51.2367, 0.3198, 0.3353

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.



50.0070, 0.3168, 0.3362



50.0070, 0.3057, 0.3226



50.0070, 0.3209, 0.3329

Square

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



50.0070, 0.3057, 0.3226



50.0070, 0.3168, 0.3258



50.0070, 0.3198, 0.3354



50.0070, 0.3087, 0.3323

Rectangle

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



50.0070, 0.3057, 0.3226



50.0070, 0.3113, 0.3225



50.0070, 0.3198, 0.3354



50.0070, 0.3141, 0.3357

Sweetspot

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



50.0091, 0.3057, 0.3226



94.1837, 0.3112, 0.3276



52.0197, 0.3085, 0.3341



20.2198, 0.3113, 0.3277



97.7402, 0.3127, 0.3290



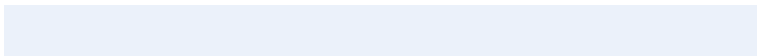
20.4902, 0.3127, 0.3290

Same Dimension

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



50.0091, 0.3057, 0.3226



87.7379, 0.3035, 0.3205



48.4077, 0.3062, 0.3176



10.8855, 0.3028, 0.3199



6.9976, 0.1722, 0.1398



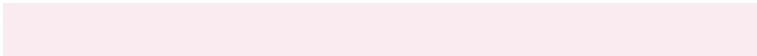
0.4394, 0.1844, 0.1837

Inverse Universe

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



49.2744, 0.3172, 0.3241



86.0480, 0.3187, 0.3225



52.8934, 0.3191, 0.3402



10.6599, 0.3192, 0.3220



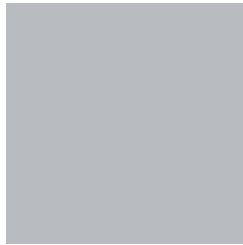
7.9886, 0.5194, 0.2635



0.3590, 0.4641, 0.2331

Previews

White Background



This preview shows how the Yxy color 50.0070, 0.3057, 0.3226 looks on a white background.

Color Contrast Check

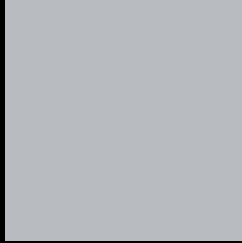
Large Text (above 18pt) WCAG AA × Fail

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 50.0070, 0.3057, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

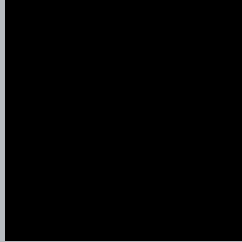
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

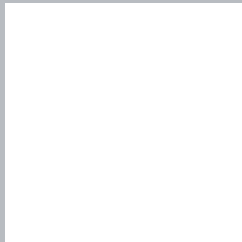
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0070, 0.3057, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 50.0070, 0.3057, 0.3226.



This preview shows how white text looks on a background with the Yxy color 50.0070, 0.3057, 0.3226.

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

50.0070, 0.3057, 0.3226

Protanopia

49.7424, 0.3106, 0.3215

Deuteranopia

49.9075, 0.3202, 0.3144



Tritanopia

50.0720, 0.3006, 0.3115

Trichromacy



Original Color

50.0070, 0.3057, 0.3226

Protanomaly

49.9112, 0.3089, 0.3227

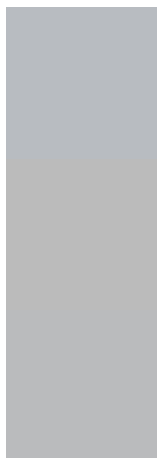
Deuteranomaly

49.7781, 0.3141, 0.3166

Tritanomaly

49.9322, 0.3028, 0.3152

Monochromacy



Original Color

50.0070, 0.3057, 0.3226

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6539, 0.3104, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0070, 0.3057, 0.3226 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(184, 188, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 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(184, 188, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 193) }
```

Border

The CSS property to change the border of an element to Yxy 50.0070, 0.3057, 0.3226 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(184, 188, 193) }
```

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

```
.border{ border-color:rgb(184, 188, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 188, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0070, 0.3057, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 193) }
```

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

```
.background{ background-color: rgb(184,  
188, 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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