

Converting Colors

$Yxy(50.9723, 0.3126, 0.3382)$

Have a look what the booklet for
Yxy(50.9723, 0.3126, 0.3382)
contains.

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Color

Yxy(50.9126, 0.3123, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	B8BFB8
RGB	184, 191, 184
RGB Percent	72%, 75%, 72%
CMY	0.2783, 0.2510, 0.2783
CMYK	0.04, 0.00, 0.04, 0.25
HSL	120°, 5%, 74%
HSV	120°, 4%, 75%
XYZ	47.0554, 50.9126, 52.7056
YIQ	188.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

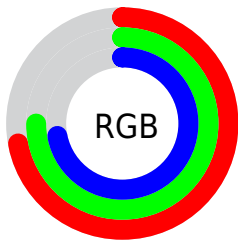
Format	Color
RYB	184, 191, 191
Decimal	12107704
CIELab	76.63, -3.71, 2.67
CIELCh	77, 4.566, 144.286
Yxy	50.9126, 0.3123, 0.3379
Android (android.graphics.Color)	4290297784 (0xFFB8BFB8)
YUV	188.1090, -2.0257, -3.6036
Hunter-Lab	71.3531, -7.1521, 6.1520

Details

The Yxy color **50.9126, 0.3123, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1271, 0.3131, 0.3203**, and the grayscale version is **50.3706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3381, 0.3124, 0.3360**, and **24.6409, 0.3121, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **47.9654, 0.3110, 0.3646**, and if you desaturate by 10%, it is **54.2906, 0.3134, 0.3146**.

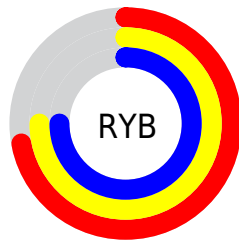
Distribution



Red (72%)

Green (75%)

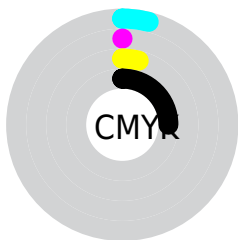
Blue (72%)



Red (72%)

Yellow (75%)

Blue (75%)

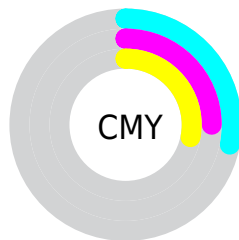


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9126, 0.3123, 0.3379 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 50.9126, 0.3123, 0.3379 by changing the saturation by 10% instead.

■ 50.9126, 0.3123,
0.3379

■ 50.9126, 0.3123,
0.3379

390.2241, 0.3125,
0.3335

■ 36.1391, 0.3122,
0.3390

■ 91.5256, 0.3124,
0.3363

■ 24.5416, 0.3122,
0.3404

118.1338, 0.3124,
0.3357

■ 15.7359, 0.3121,
0.3422

149.4557, 0.3124,
0.3352

■ 9.3374, 0.3119,
0.3448

185.8756, 0.3125,
0.3348

■ 4.9619, 0.3117,
0.3486

227.7781, 0.3125,
0.3344

■ 2.2249, 0.3112,
0.3548

275.5474, 0.3125,

■ 0.7335, 0.3107,

0.3341

0.3757

329.5679, 0.3125,
0.3338

0.0000, 0.0000,
0.0000

50.9126, 0.3123,
0.3379

50.9126, 0.3123,
0.3379

47.9654, 0.3110,
0.3646

54.2906, 0.3134,
0.3146

45.4256, 0.3096,
0.3948

58.1089, 0.3143,
0.2944

43.2771, 0.3081,
0.4279

62.3849, 0.3151,
0.2772

41.5006, 0.3064,
0.4632

65.7399, 0.3157,
0.2663

40.0749, 0.3048,
0.4987

■ 38.9768, 0.3032,
0.5322

■ 38.1804, 0.3018,
0.5609

■ 37.6555, 0.3008,
0.5823

■ 37.3662, 0.3002,
0.5951

Harmonies

Analogous

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



50.9126, 0.3184, 0.3398



50.9126, 0.3123, 0.3379



50.9126, 0.3063, 0.3336

Triad

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



50.9126, 0.3123, 0.3379



50.9126, 0.3025, 0.3193



50.9126, 0.3235, 0.3299

Complementary

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



50.9126, 0.3123, 0.3379



49.1271, 0.3131, 0.3203

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.



50.9126, 0.3191, 0.3245



50.9126, 0.3123, 0.3379



50.9126, 0.3070, 0.3185

Square

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



50.9126, 0.3123, 0.3379



50.9126, 0.3007, 0.3228



50.9126, 0.3131, 0.3204



50.9126, 0.3249, 0.3351

Rectangle

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



50.9126, 0.3123, 0.3379



50.9126, 0.3032, 0.3299



50.9126, 0.3131, 0.3204



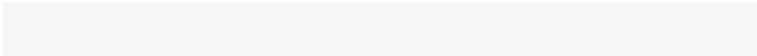
50.9126, 0.3223, 0.3280

Sweetspot

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



50.9148, 0.3123, 0.3379



92.7112, 0.3126, 0.3314



51.7467, 0.3180, 0.3376



20.3651, 0.3126, 0.3313



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.



50.9148, 0.3123, 0.3379



90.9605, 0.3123, 0.3389



51.0577, 0.3098, 0.3336



10.9551, 0.3122, 0.3405



24.4881, 0.3000, 0.6000



0.9593, 0.3000, 0.6000

Inverse Universe

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



49.1271, 0.3131, 0.3203



87.4072, 0.3132, 0.3193



48.9806, 0.3158, 0.3245



10.4631, 0.3132, 0.3178



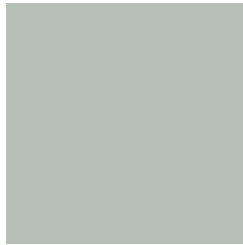
9.7471, 0.3209, 0.1541



0.3818, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 50.9126, 0.3123, 0.3379 looks on a white background.

Color Contrast Check

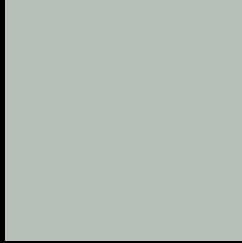
Large Text (above 18pt) WCAG AA × Fail

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 50.9126, 0.3123, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

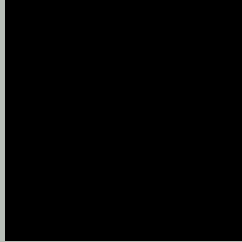
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

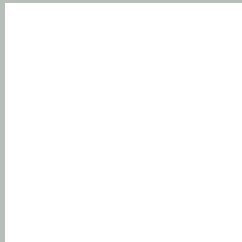
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9126, 0.3123, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 50.9126, 0.3123, 0.3379.



This preview shows how white text looks on a background with the Yxy color 50.9126, 0.3123, 0.3379.

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

50.9126, 0.3123, 0.3379

Protanopia

50.8132, 0.3224, 0.3365

Deuteranopia

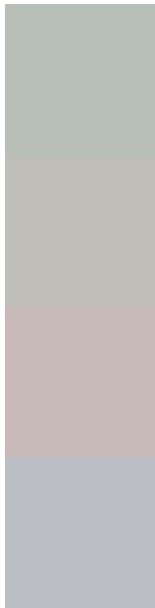
50.8220, 0.3318, 0.3254



Tritanopia

50.8430, 0.3007, 0.3104

Trichromacy



Original Color

50.9126, 0.3123, 0.3379

Protanomaly

50.7612, 0.3181, 0.3366

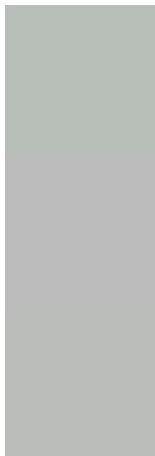
Deuteranomaly

50.7627, 0.3245, 0.3303

Tritanomaly

50.8198, 0.3050, 0.3202

Monochromacy



Original Color

50.9126, 0.3123, 0.3379

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5478, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9126, 0.3123, 0.3379 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, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 184)  
}
```

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, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 184) }
```

Border

The CSS property to change the border of an element to Yxy 50.9126, 0.3123, 0.3379 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, 191, 184) }
```

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

```
.border{ border-color:rgb(184, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9126, 0.3123, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 184) }
```

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

```
.background{ background-color: rgb(184,  
191, 184) }
```

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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