

Converting Colors

Yxy(50.3134, 0.3102, 0.3835)

Have a look what the booklet for
Yxy(50.3134, 0.3102, 0.3835)
contains.

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Color

Yxy(50.2623, 0.3102, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	9FC69F
RGB	159, 198, 159
RGB Percent	62%, 78%, 62%
CMY	0.3765, 0.2235, 0.3764
CMYK	0.20, 0.00, 0.20, 0.22
HSL	120°, 25%, 70%
HSV	120°, 20%, 78%
XYZ	40.7511, 50.2623, 40.3570
YIQ	181.8930, -10.7250, -20.3970

Conversions

Conversions Part 2

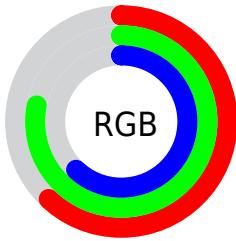
Format	Color
RYB	159, 198, 198
Decimal	10471071
CIELab	76.23, -20.52, 15.35
CIELCh	76, 25.626, 143.194
Yxy	50.2623, 0.3102, 0.3826
Android (android.graphics.Color)	4288661151 (0xFF9FC69F)
YUV	181.8930, -11.2862, -20.0772
Hunter-Lab	70.8959, -21.4657, 15.8767

Details

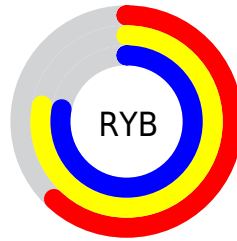
The Yxy color **50.2623, 0.3102, 0.3826** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.8814, 0.3150, 0.2807**, and the grayscale version is **46.7864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6712, 0.3107, 0.3725**, and **24.1339, 0.3094, 0.3995** is the 20% darker color. If you saturate the color by 10%, you get **47.7663, 0.3087, 0.4147**, and if you desaturate by 10%, it is **53.1969, 0.3116, 0.3537**.

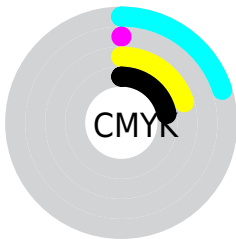
Distribution



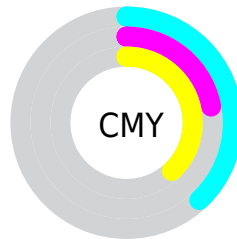
- Red (62%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)




- Cyan (38%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2623, 0.3102, 0.3826 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 50.2623, 0.3102, 0.3826 by changing the saturation by 10% instead.


 50.2623, 0.3102,
0.3826


 50.2623, 0.3102,
0.3826


387.6908, 0.3119,
0.3553

 35.6219, 0.3096,
0.3896

 90.5634, 0.3109,
0.3725

 24.1423, 0.3088,
0.3987


 116.9928, 0.3112,
0.3688

 15.4392, 0.3076,
0.4109

148.1207, 0.3113,
0.3657

 9.1282, 0.3056,
0.4283

184.3315, 0.3115,
0.3630

 4.8249, 0.3019,
0.4547

226.0094, 0.3116,
0.3606

 2.1449, 0.2942,
0.5000

273.5391, 0.3117,

 0.6897, 0.1832,

0.3586

0.8168

327.3047, 0.3118,
0.3568

0.0000, 0.0000,
0.0000

50.2623, 0.3102,
0.3826

50.2623, 0.3102,
0.3826

47.7663, 0.3087,
0.4147

53.1969, 0.3116,
0.3537

45.6819, 0.3071,
0.4494

56.5830, 0.3127,
0.3283

43.9889, 0.3054,
0.4852

60.4408, 0.3138,
0.3062

42.6629, 0.3038,
0.5199

64.7875, 0.3147,
0.2872

41.6767, 0.3023,
0.5508

68.8696, 0.3153,
0.2732

■ 40.9994, 0.3012,
0.5752

■ 40.5945, 0.3004,
0.5914

■ 40.3948, 0.3000,
0.5998

■ 40.3896, 0.3000,
0.6000

Harmonies

Analogous

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



50.2623, 0.3447, 0.3917



50.2623, 0.3102, 0.3826



50.2623, 0.2777, 0.3562

Triad

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



50.2623, 0.3102, 0.3826



50.2623, 0.2560, 0.2756



50.2623, 0.3736, 0.3307

Complementary

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



50.2623, 0.3102, 0.3826



40.8814, 0.3150, 0.2807

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.



50.2623, 0.3472, 0.3033



50.2623, 0.3102, 0.3826



50.2623, 0.2790, 0.2723

Square

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



50.2623, 0.3102, 0.3826



50.2623, 0.2476, 0.2931



50.2623, 0.3122, 0.2824



50.2623, 0.3825, 0.3592

Rectangle

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



50.2623, 0.3102, 0.3826



50.2623, 0.2612, 0.3338



50.2623, 0.3122, 0.2824



50.2623, 0.3664, 0.3211

Sweetspot

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



50.2644, 0.3102, 0.3826



96.2663, 0.3120, 0.3441



54.8991, 0.3421, 0.3775



20.5219, 0.3119, 0.3459



0.0000, 0.0000, 0.0000



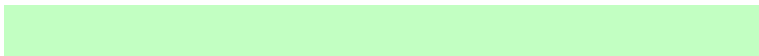
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2644, 0.3102, 0.3826



86.8491, 0.3095, 0.3972



50.9956, 0.2966, 0.3552



11.8879, 0.3116, 0.3529



26.2655, 0.3000, 0.6000



1.2437, 0.3000, 0.6000

Inverse Universe

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



40.8814, 0.3150, 0.2807



66.9744, 0.3155, 0.2691



40.0388, 0.3326, 0.3042



10.8166, 0.3138, 0.3062



10.4589, 0.3209, 0.1542



0.4952, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 50.2623, 0.3102, 0.3826 looks on a white background.

Color Contrast Check

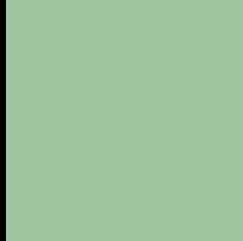
Large Text (above 18pt) WCAG AA × Fail

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 50.2623, 0.3102, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

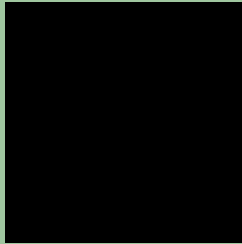
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2623, 0.3102, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 50.2623, 0.3102, 0.3826.



This preview shows how white text looks on a background with the Yxy color 50.2623, 0.3102, 0.3826.

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

50.2623, 0.3102, 0.3826

Protanopia

49.8795, 0.3486, 0.3709

Deuteranopia

50.1392, 0.3579, 0.3508



Tritanopia

49.9821, 0.2828, 0.3084

Trichromacy



Original Color

50.2623, 0.3102, 0.3826

Protanomaly

49.8523, 0.3339, 0.3749

Deuteranomaly

49.7514, 0.3394, 0.3609

Tritanomaly

50.1938, 0.2923, 0.3342

Monochromacy



Original Color

50.2623, 0.3102, 0.3826

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.0211, 0.3118, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2623, 0.3102, 0.3826 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(159, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 159)  
}
```

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(159, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 159) }
```

Border

The CSS property to change the border of an element to Yxy 50.2623, 0.3102, 0.3826 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(159, 198, 159) }
```

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

```
.border{ border-color:rgb(159, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 198, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 198, 159); box-shadow:4px 4px 4px 4px rgb(159, 198, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2623, 0.3102, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 159) }
```

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

```
.background{ background-color: rgb(159,  
198, 159) }
```

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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