

Converting Colors

Yxy(57.6868, 0.3013, 0.3947)

Have a look what the booklet for
Yxy(57.6868, 0.3013, 0.3947)
contains.

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Color

Yxy(57.5821, 0.3013, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	99D6A5
RGB	153, 214, 165
RGB Percent	60%, 84%, 65%
CMY	0.3999, 0.1608, 0.3529
CMYK	0.28, 0.00, 0.23, 0.16
HSL	132°, 43%, 72%
HSV	132°, 28%, 84%
XYZ	43.9784, 57.5821, 44.4017
YIQ	190.1750, -20.6270, -28.1710

Conversions

Conversions Part 2

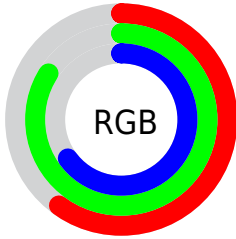
Format	Color
RYB	153, 204, 214
Decimal	10081957
CIELab	80.51, -29.25, 18.08
CIElCh	81, 34.383, 148.280
Yxy	57.5821, 0.3013, 0.3945
Android (android.graphics.Color)	4288272037 (0xFF99D6A5)
YUV	190.1750, -12.4113, -32.6025
Hunter-Lab	75.8829, -29.3442, 18.4254

Details

The Yxy color **57.5821, 0.3013, 0.3945** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.3485, 0.3267, 0.2714**, and the grayscale version is **51.6842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2426, 0.3043, 0.3663**, and **28.6979, 0.2973, 0.4135** is the 20% darker color. If you saturate the color by 10%, you get **55.1007, 0.2976, 0.4223**, and if you desaturate by 10%, it is **60.5259, 0.3052, 0.3691**.

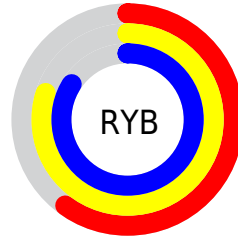
Distribution



Red (60%)

Green (84%)

Blue (65%)



Red (60%)

Yellow (80%)

Blue (84%)

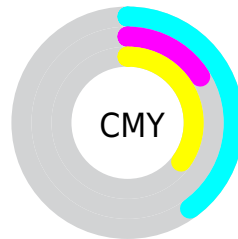


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (40%)


Magenta (16%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5821, 0.3013, 0.3945 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 57.5821, 0.3013, 0.3945 by changing the saturation by 10% instead.


 57.5821, 0.3013,
0.3945

 57.5821, 0.3013,
0.3945

415.6269, 0.3075,
0.3616

 41.4728, 0.2996,
0.4028


 101.3141, 0.3037,
0.3825

 28.6887, 0.2974,
0.4134


 129.7055, 0.3045,
0.3780

 18.8454, 0.2942,
0.4275


162.9597, 0.3052,
0.3742

 11.5587, 0.2896,
0.4473

201.4611, 0.3058,
0.3709

 6.4439, 0.2822,
0.4766

245.5942, 0.3063,
0.3681

 3.1168, 0.2689,
0.5243

295.7432, 0.3068,

 1.1930, 0.2467,

0.3657

0.7517

352.2927, 0.3072,
0.3635

■ 0.0560, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5821, 0.3013,
0.3945

■ 57.5821, 0.3013,
0.3945

■ 55.1007, 0.2976,
0.4223

■ 60.5259, 0.3052,
0.3691

■ 53.0512, 0.2945,
0.4519

■ 63.9465, 0.3093,
0.3463

■ 51.4105, 0.2923,
0.4823

■ 67.8664, 0.3133,
0.3261

■ 50.1507, 0.2910,
0.5119

■ 72.3049, 0.3172,
0.3085

■ 49.2401, 0.2911,
0.5391

■ 76.3159, 0.3173,
0.2928

■ 48.6417, 0.2924,
0.5621

■ 76.5733, 0.3146,
0.2891

■ 48.3012, 0.2946,
0.5796

■ 48.2612, 0.2949,
0.5818

Harmonies

Analogous

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



57.5821, 0.3457, 0.4100



57.5821, 0.3013, 0.3945



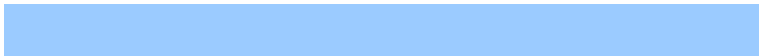
57.5821, 0.2618, 0.3568

Triad

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



57.5821, 0.3013, 0.3945



57.5821, 0.2447, 0.2593



57.5821, 0.3947, 0.3364

Complementary

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



57.5821, 0.3013, 0.3945



41.3485, 0.3267, 0.2714

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.



57.5821, 0.3638, 0.3016



57.5821, 0.3013, 0.3945



57.5821, 0.2760, 0.2588

Square

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



57.5821, 0.3013, 0.3945



57.5821, 0.2310, 0.2776



57.5821, 0.3194, 0.2740



57.5821, 0.4015, 0.3718

Rectangle

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



57.5821, 0.3013, 0.3945



57.5821, 0.2432, 0.3270



57.5821, 0.3194, 0.2740



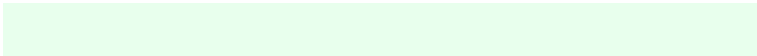
57.5821, 0.3868, 0.3244

Sweetspot

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



57.5845, 0.3013, 0.3945



94.7733, 0.3091, 0.3475



63.0650, 0.3466, 0.4020



20.1170, 0.3085, 0.3508



0.0000, 0.0000, 0.0000



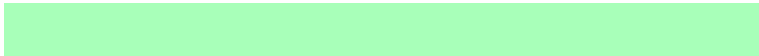
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5845, 0.3013, 0.3945



83.3959, 0.2991, 0.4105



58.7933, 0.2830, 0.3539



13.9355, 0.3089, 0.3483



29.1825, 0.2944, 0.5797



1.7720, 0.2855, 0.5480

Inverse Universe

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



41.3485, 0.3267, 0.2714



55.5456, 0.3303, 0.2594



40.0755, 0.3553, 0.3056



12.5889, 0.3167, 0.3105



10.4538, 0.3776, 0.1854



0.6415, 0.3660, 0.1790

Previews

White Background



This preview shows how the Yxy color 57.5821, 0.3013, 0.3945 looks on a white background.

Color Contrast Check

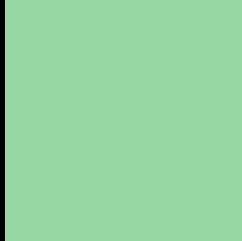
Large Text (above 18pt) WCAG AA × Fail

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 57.5821, 0.3013, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

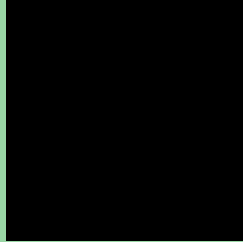
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5821, 0.3013, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 57.5821, 0.3013, 0.3945.

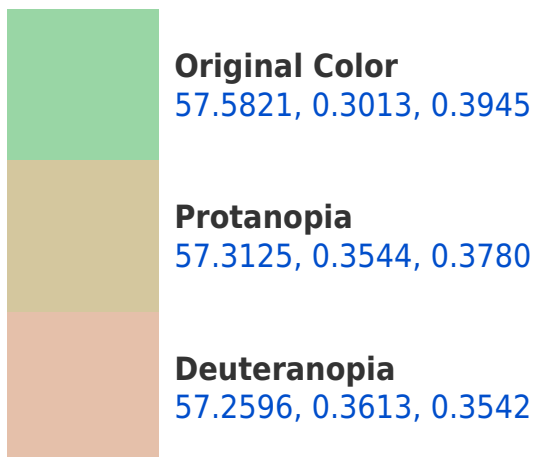


This preview shows how white text looks on a background with the Yxy color 57.5821, 0.3013, 0.3945.

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





Tritanopia

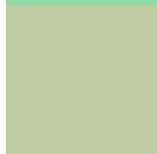
57.3628, 0.2722, 0.3079

Trichromacy



Original Color

57.5821, 0.3013, 0.3945



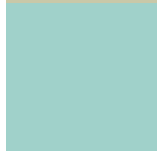
Protanomaly

56.8353, 0.3336, 0.3829



Deuteranomaly

56.5532, 0.3373, 0.3682



Tritanomaly

57.3388, 0.2826, 0.3379

Monochromacy



Original Color

57.5821, 0.3013, 0.3945



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.5302, 0.3085, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5821, 0.3013, 0.3945 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(153, 214, 165)` looks like.

```
.text, #text, p{  
    color:rgb(153, 214, 165)  
}
```

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(153, 214, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 214, 165) }
```

Border

The CSS property to change the border of an element to Yxy 57.5821, 0.3013, 0.3945 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(153, 214, 165) }
```

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

```
.border{ border-color:rgb(153, 214, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 214, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 214, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 214, 165);  
box-shadow:4px 4px 4px 4px rgb(153, 214,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5821, 0.3013, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 214, 165) }
```

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

```
.background{ background-color: rgb(153,  
214, 165) }
```

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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