

Converting Colors

Yxy(57.8522, 0.3054, 0.4074)

Have a look what the booklet for
Yxy(57.8522, 0.3054, 0.4074)
contains.

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Color

Yxy(57.7106, 0.3056, 0.4070)

Conversions

Conversions Part 1

Format	Color
Hex	98D79D
RGB	152, 215, 157
RGB Percent	60%, 84%, 62%
CMY	0.4040, 0.1568, 0.3843
CMYK	0.29, 0.00, 0.27, 0.16
HSL	125°, 44%, 72%
HSV	125°, 29%, 84%
XYZ	43.3326, 57.7106, 40.7519
YIQ	189.5510, -18.9300, -31.3940

Conversions

Conversions Part 2

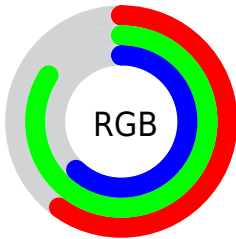
Format	Color
RYB	152, 210, 215
Decimal	10016669
CIELab	80.58, -31.46, 22.38
CIElCh	81, 38.608, 144.570
Yxy	57.7106, 0.3056, 0.4070
Android (android.graphics.Color)	4288206749 (0xFF98D79D)
YUV	189.5510, -16.0476, -32.9322
Hunter-Lab	75.9675, -31.1250, 21.3718

Details

The Yxy color **57.7106, 0.3056, 0.4070** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.5526, 0.3205, 0.2618**, and the grayscale version is **51.3222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6834, 0.3081, 0.3752**, and **28.8142, 0.3028, 0.4305** is the 20% darker color. If you saturate the color by 10%, you get **55.2011, 0.3032, 0.4391**, and if you desaturate by 10%, it is **60.7104, 0.3081, 0.3774**.

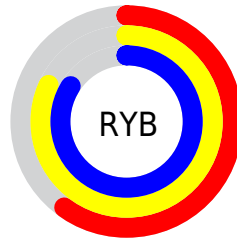
Distribution



Red (60%)

Green (84%)

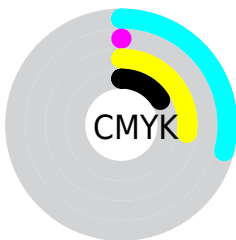
Blue (62%)



Red (60%)

Yellow (82%)

Blue (84%)

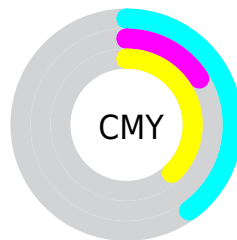


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (16%)



Cyan (40%)


Magenta (16%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7106, 0.3056, 0.4070 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 57.7106, 0.3056, 0.4070 by changing the saturation by 10% instead.


 57.7106, 0.3056,
0.4070


 57.7106, 0.3056,
0.4070


416.1067, 0.3100,
0.3676

 41.5760, 0.3043,
0.4169

 101.5013, 0.3074,
0.3926

 28.7695, 0.3024,
0.4297


 129.9262, 0.3080,
0.3872

 18.9065, 0.2997,
0.4466


163.2167, 0.3085,
0.3827

 11.6027, 0.2954,
0.4703

201.7572, 0.3089,
0.3788

 6.4738, 0.2881,
0.5054

245.9321, 0.3092,
0.3754

 3.1353, 0.2739,
0.5619

296.1256, 0.3095,

 1.2027, 0.2229,

0.3725

0.7771

352.7224, 0.3098,
0.3699

0.0639, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7106, 0.3056,
0.4070

57.7106, 0.3056,
0.4070

55.2011, 0.3032,
0.4391

60.7104, 0.3081,
0.3774

53.1492, 0.3010,
0.4728

64.2171, 0.3105,
0.3509

51.5292, 0.2993,
0.5062

68.2551, 0.3129,
0.3275

50.3102, 0.2981,
0.5373

72.8453, 0.3151,
0.3071

■ 49.4570, 0.2977,
0.5635

■ 77.0849, 0.3145,
0.2901

■ 48.9284, 0.2980,
0.5830

■ 48.6596, 0.2987,
0.5949

■ 48.6457, 0.2988,
0.5955

Harmonies

Analogous

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



57.7106, 0.3549, 0.4202



57.7106, 0.3056, 0.4070



57.7106, 0.2604, 0.3664

Triad

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



57.7106, 0.3056, 0.4070



57.7106, 0.2340, 0.2528



57.7106, 0.4019, 0.3317

Complementary

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



57.7106, 0.3056, 0.4070



41.5526, 0.3205, 0.2618

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.



57.7106, 0.3643, 0.2940



57.7106, 0.3056, 0.4070



57.7106, 0.2663, 0.2501

Square

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



57.7106, 0.3056, 0.4070



57.7106, 0.2215, 0.2751



57.7106, 0.3135, 0.2651



57.7106, 0.4130, 0.3713

Rectangle

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



57.7106, 0.3056, 0.4070



57.7106, 0.2383, 0.3325



57.7106, 0.3135, 0.2651



57.7106, 0.3918, 0.3185

Sweetspot

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



57.7130, 0.3056, 0.4070



94.6175, 0.3106, 0.3503



64.6916, 0.3534, 0.4027



20.0789, 0.3102, 0.3540



0.0000, 0.0000, 0.0000



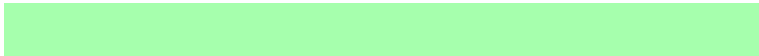
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7130, 0.3056, 0.4070



82.6113, 0.3041, 0.4261



58.8966, 0.2866, 0.3646



13.9118, 0.3105, 0.3511



29.0998, 0.2984, 0.5944



1.7609, 0.2938, 0.5777

Inverse Universe

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



41.5526, 0.3205, 0.2618



55.2128, 0.3224, 0.2481



40.1664, 0.3496, 0.2961



12.6149, 0.3150, 0.3078



11.0843, 0.3418, 0.1657



0.6737, 0.3378, 0.1635

Previews

White Background



This preview shows how the Yxy color 57.7106, 0.3056, 0.4070 looks on a white background.

Color Contrast Check

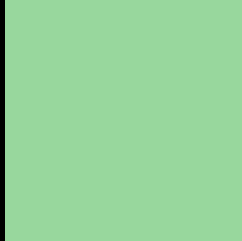
Large Text (above 18pt) WCAG AA × Fail

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 57.7106, 0.3056, 0.4070 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 57.7106, 0.3056, 0.4070

Background



This preview shows how black text looks on a background with the Yxy color 57.7106, 0.3056, 0.4070.



This preview shows how white text looks on a background with the Yxy color 57.7106, 0.3056, 0.4070.

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

57.7106, 0.3056, 0.4070

Protanopia

57.1950, 0.3615, 0.3874

Deuteranopia

56.8592, 0.3700, 0.3620



Tritanopia

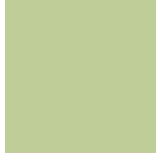
57.3628, 0.2722, 0.3079

Trichromacy



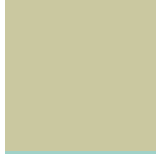
Original Color

57.7106, 0.3056, 0.4070



Protanomaly

57.0389, 0.3392, 0.3943



Deuteranomaly

56.4032, 0.3442, 0.3780



Tritanomaly

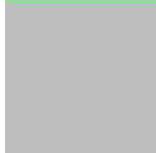
57.1980, 0.2844, 0.3417

Monochromacy



Original Color

57.7106, 0.3056, 0.4070



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.2913, 0.3099, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7106, 0.3056, 0.4070 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(152, 215, 157)` looks like.

```
.text, #text, p{  
    color:rgb(152, 215, 157)  
}
```

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(152, 215, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 215, 157) }
```

Border

The CSS property to change the border of an element to Yxy 57.7106, 0.3056, 0.4070 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(152, 215, 157) }
```

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

```
.border{ border-color:rgb(152, 215, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 215, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 215, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 215, 157);  
box-shadow:4px 4px 4px 4px rgb(152, 215,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7106, 0.3056, 0.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 215, 157) }
```

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

```
.background{ background-color: rgb(152,  
215, 157) }
```

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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