

Converting Colors

Yxy(57.4929, 0.3258, 0.4060)

Have a look what the booklet for
Yxy(57.4929, 0.3258, 0.4060)
contains.

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Color

Yxy(57.3262, 0.3261, 0.4056)

Conversions

Conversions Part 1

Format	Color
Hex	AED297
RGB	174, 210, 151
RGB Percent	68%, 82%, 59%
CMY	0.3176, 0.1765, 0.4078
CMYK	0.17, 0.00, 0.28, 0.18
HSL	97°, 40%, 71%
HSV	97°, 28%, 82%
XYZ	46.0899, 57.3262, 37.9207
YIQ	192.5100, -2.5170, -25.9810

Conversions

Conversions Part 2

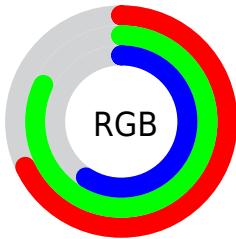
Format	Color
RYB	151, 210, 187
Decimal	11457175
CIELab	80.36, -22.54, 25.43
CIELCh	80, 33.979, 131.550
Yxy	57.3262, 0.3261, 0.4056
Android (android.graphics.Color)	4289647255 (0xFFAED297)
YUV	192.5100, -20.4644, -16.2333
Hunter-Lab	75.7141, -23.8401, 23.3050

Details

The Yxy color **57.3262, 0.3261, 0.4056** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.3587, 0.2949, 0.2551**, and the grayscale version is **53.1517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7992, 0.3254, 0.3796**, and **28.4277, 0.3283, 0.4261** is the 20% darker color. If you saturate the color by 10%, you get **55.3034, 0.3300, 0.4364**, and if you desaturate by 10%, it is **59.6160, 0.3216, 0.3763**.

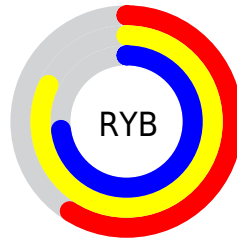
Distribution



Red (68%)

Green (82%)

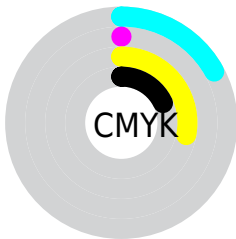
Blue (59%)



Red (59%)

Yellow (82%)

Blue (73%)

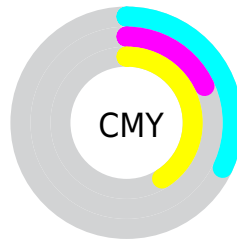


Cyan (17%)

Magenta (0%)

Yellow (28%)

Black (18%)



Cyan (32%)

Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3262, 0.3261, 0.4056 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 57.3262, 0.3261, 0.4056 by changing the saturation by 10% instead.


 57.3262, 0.3261,
0.4056


 57.3262, 0.3261,
0.4056

414.6705, 0.3205,
0.3673

 41.2672, 0.3272,
0.4151


 100.9410, 0.3243,
0.3917

 28.5279, 0.3283,
0.4273


 129.2656, 0.3236,
0.3865

 18.7240, 0.3295,
0.4434


162.4475, 0.3229,
0.3820

 11.4710, 0.3304,
0.4656

200.8711, 0.3223,
0.3782

 6.3846, 0.3304,
0.4978

244.9208, 0.3218,
0.3749

 3.0803, 0.3285,
0.5506

294.9810, 0.3213,

 1.1738, 0.3152,

0.3721

0.6848

351.4361, 0.3209,
0.3695

0.0402, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3262, 0.3261,
0.4056

57.3262, 0.3261,
0.4056

55.3034, 0.3300,
0.4364

59.6160, 0.3216,
0.3763

53.5298, 0.3329,
0.4679


62.1750, 0.3167,
0.3492

51.9966, 0.3345,
0.4984

65.0149, 0.3118,
0.3245

50.6919, 0.3343,
0.5265

68.1444, 0.3069,
0.3023

 49.6021, 0.3324,
0.5502


 71.5062, 0.3028,
0.2834

 48.7122, 0.3286,
0.5683

 73.8052, 0.3119,
0.2847

 48.0017, 0.3234,
0.5803

 74.5744, 0.3148,
0.2851

 47.8813, 0.3224,
0.5822

Harmonies

Analogous

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



57.3262, 0.3675, 0.4063



57.3262, 0.3261, 0.4056



57.3262, 0.2829, 0.3793

Triad

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



57.3262, 0.3261, 0.4056



57.3262, 0.2354, 0.2680



57.3262, 0.3793, 0.3166

Complementary

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



57.3262, 0.3261, 0.4056



37.3587, 0.2949, 0.2551

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.



57.3262, 0.3395, 0.2854



57.3262, 0.3261, 0.4056



57.3262, 0.2571, 0.2577

Square

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



57.3262, 0.3261, 0.4056



57.3262, 0.2326, 0.2958



57.3262, 0.2944, 0.2643



57.3262, 0.4001, 0.3522

Rectangle

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



57.3262, 0.3261, 0.4056



57.3262, 0.2588, 0.3518



57.3262, 0.2944, 0.2643



57.3262, 0.3675, 0.3054

Sweetspot

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



57.3287, 0.3261, 0.4056



96.4699, 0.3167, 0.3492



51.2271, 0.3620, 0.3723



20.5133, 0.3175, 0.3532



0.0000, 0.0000, 0.0000



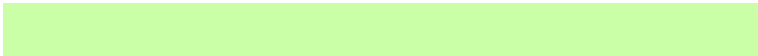
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3287, 0.3261, 0.4056



86.9274, 0.3286, 0.4249



55.1068, 0.3051, 0.4014



13.4277, 0.3174, 0.3526



29.2603, 0.3234, 0.5814



1.6814, 0.3382, 0.5697

Inverse Universe

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



37.3587, 0.2949, 0.2551



50.7413, 0.2899, 0.2373



40.2055, 0.3213, 0.2660



11.7695, 0.3076, 0.3056



5.7047, 0.2261, 0.1019



0.3641, 0.2434, 0.1114

Previews

White Background



This preview shows how the Yxy color 57.3262, 0.3261, 0.4056 looks on a white background.

Color Contrast Check

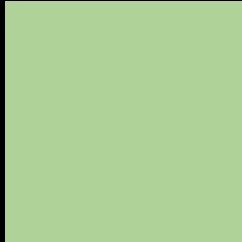
Large Text (above 18pt) WCAG AA × Fail

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 57.3262, 0.3261, 0.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

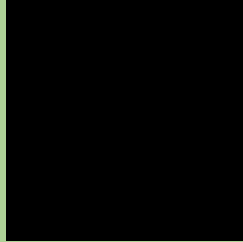
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3262, 0.3261, 0.4056

Background



This preview shows how black text looks on a background with the Yxy color 57.3262, 0.3261, 0.4056.



This preview shows how white text looks on a background with the Yxy color 57.3262, 0.3261, 0.4056.

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

57.3262, 0.3261, 0.4056

Protanopia

57.2183, 0.3654, 0.3919

Deuteranopia

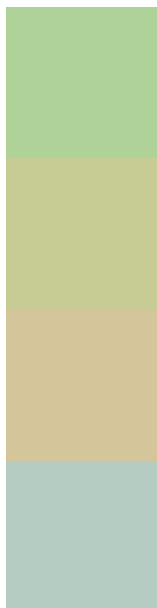
56.9518, 0.3775, 0.3697



Tritanopia

56.9734, 0.2890, 0.3097

Trichromacy



Original Color

57.3262, 0.3261, 0.4056

Protanomaly

56.9921, 0.3499, 0.3968

Deuteranomaly

56.7183, 0.3578, 0.3817

Tritanomaly

56.7393, 0.3023, 0.3427

Monochromacy



Original Color

57.3262, 0.3261, 0.4056

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.5003, 0.3178, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3262, 0.3261, 0.4056 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(174, 210, 151)` looks like.

```
.text, #text, p{  
    color:rgb(174, 210, 151)  
}
```

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(174, 210, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 210, 151) }
```

Border

The CSS property to change the border of an element to Yxy 57.3262, 0.3261, 0.4056 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(174, 210, 151) }
```

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

```
.border{ border-color:rgb(174, 210, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 210, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 210, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 210, 151);  
box-shadow:4px 4px 4px 4px rgb(174, 210,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3262, 0.3261, 0.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 210, 151) }
```

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

```
.background{ background-color: rgb(174,  
210, 151) }
```

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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