

Converting Colors

Yxy(56.6392, 0.3025, 0.3656)

Have a look what the booklet for
Yxy(56.6392, 0.3025, 0.3656)
contains.

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Color

Yxy(56.7319, 0.3022, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	A8D0B4
RGB	168, 208, 180
RGB Percent	66%, 82%, 71%
CMY	0.3411, 0.1843, 0.2940
CMYK	0.19, 0.00, 0.13, 0.18
HSL	138°, 30%, 74%
HSV	138°, 19%, 82%
XYZ	46.9452, 56.7319, 51.6677
YIQ	192.8480, -14.8520, -17.1880

Conversions

Conversions Part 2

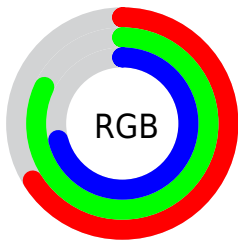
Format	Color
R _{YB}	168, 199, 208
Decimal	11063476
CIE Lab	80.03, -18.68, 9.57
CIE LCh	80, 20.991, 152.877
Yxy	56.7319, 0.3022, 0.3652
Android (android.graphics.Color)	4289253556 (0xFFA8D0B4)
YUV	192.8480, -6.3341, -21.7917
Hunter-Lab	75.3206, -20.5570, 12.0532

Details

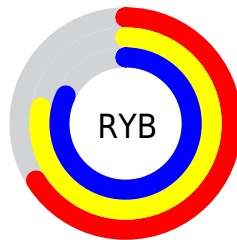
The Yxy color **56.7319, 0.3022, 0.3652** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.4027, 0.3251, 0.2953**, and the grayscale version is **53.2816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4234, 0.3045, 0.3484**, and **28.2883, 0.2990, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **54.0685, 0.2970, 0.3873**, and if you desaturate by 10%, it is **59.8275, 0.3076, 0.3453**.

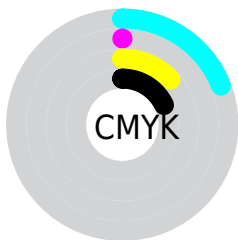
Distribution



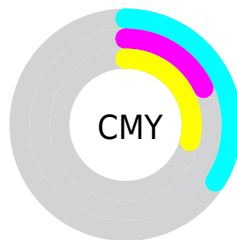
- Red (66%)
- Green (82%)
- Blue (71%)



- Red (66%)
- Yellow (78%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





- Cyan (34%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7319, 0.3022, 0.3652 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 56.7319, 0.3022, 0.3652 by changing the saturation by 10% instead.


 56.7319, 0.3022,
0.3652

 56.7319, 0.3022,
0.3652


412.4439, 0.3075,
0.3472

 40.7900, 0.3009,
0.3696

 100.0739, 0.3041,
0.3587

 28.1551, 0.2991,
0.3753


 128.2428, 0.3049,
0.3563

 18.4426, 0.2968,
0.3828


161.2562, 0.3055,
0.3542

 11.2682, 0.2936,
0.3933

199.4984, 0.3060,
0.3524

 6.2475, 0.2887,
0.4087

243.3539, 0.3065,
0.3509

 2.9962, 0.2806,
0.4336

293.2071, 0.3068,

 1.1297, 0.2641,

0.3495

0.4980

349.4423, 0.3072,
0.3483

0.0032, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7319, 0.3022,
0.3652

56.7319, 0.3022,
0.3652

54.0685, 0.2970,
0.3873

59.8275, 0.3076,
0.3453

51.8109, 0.2923,
0.4115

63.3661, 0.3131,
0.3277

49.9407, 0.2883,
0.4373

67.3672, 0.3185,
0.3122

48.4354, 0.2854,
0.4641

71.8466, 0.3238,
0.2987

■ 47.2699, 0.2840,
0.4910

■ 73.4501, 0.3164,
0.2852

■ 46.4159, 0.2841,
0.5166

■ 73.5925, 0.3149,
0.2831

■ 45.8402, 0.2859,
0.5398

■ 45.4887, 0.2889,
0.5594

■ 45.4657, 0.2891,
0.5608

Harmonies

Analogous

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



56.7319, 0.3297, 0.3772



56.7319, 0.3022, 0.3652



56.7319, 0.2782, 0.3421

Triad

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



56.7319, 0.3022, 0.3652



56.7319, 0.2725, 0.2845



56.7319, 0.3644, 0.3383

Complementary

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



56.7319, 0.3022, 0.3652



45.4027, 0.3251, 0.2953

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.



56.7319, 0.3477, 0.3154



56.7319, 0.3022, 0.3652



56.7319, 0.2941, 0.2852

Square

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



56.7319, 0.3022, 0.3652



56.7319, 0.2616, 0.2953



56.7319, 0.3216, 0.2964



56.7319, 0.3664, 0.3599

Rectangle

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



56.7319, 0.3022, 0.3652



56.7319, 0.2672, 0.3245



56.7319, 0.3216, 0.2964



56.7319, 0.3603, 0.3305

Sweetspot

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



56.7343, 0.3022, 0.3652



96.5425, 0.3094, 0.3395



59.6761, 0.3319, 0.3780



20.5869, 0.3090, 0.3407



0.0000, 0.0000, 0.0000



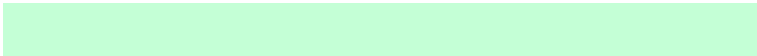
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7343, 0.3022, 0.3652



88.1563, 0.3001, 0.3739



57.6083, 0.2892, 0.3390



13.2639, 0.3075, 0.3457



28.3514, 0.2884, 0.5583



1.5993, 0.2779, 0.5204

Inverse Universe

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



45.4027, 0.3251, 0.2953



67.0345, 0.3282, 0.2880



44.5527, 0.3429, 0.3192



11.9460, 0.3183, 0.3129



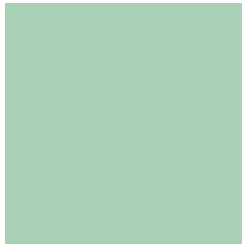
9.6595, 0.4140, 0.2054



0.5538, 0.3929, 0.1938

Previews

White Background



This preview shows how the Yxy color 56.7319, 0.3022, 0.3652 looks on a white background.

Color Contrast Check

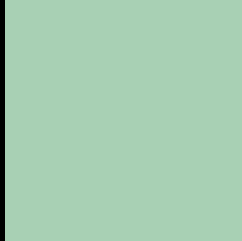
Large Text (above 18pt) WCAG AA × Fail

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 56.7319, 0.3022, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

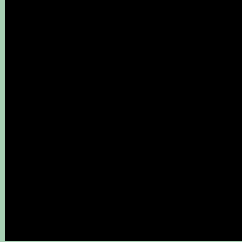
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

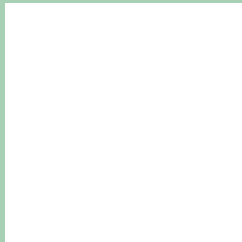
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7319, 0.3022, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 56.7319, 0.3022, 0.3652.

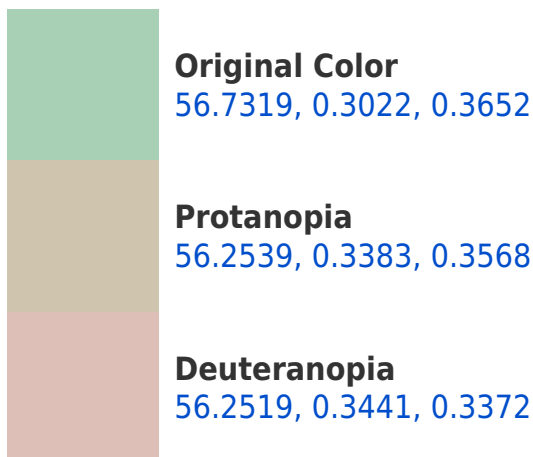


This preview shows how white text looks on a background with the Yxy color 56.7319, 0.3022, 0.3652.

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

56.4695, 0.2815, 0.3081

Trichromacy



Original Color

56.7319, 0.3022, 0.3652

Protanomaly

56.2453, 0.3246, 0.3600

Deuteranomaly

55.9080, 0.3272, 0.3460

Tritanomaly

56.3642, 0.2885, 0.3277

Monochromacy



Original Color

56.7319, 0.3022, 0.3652

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.2094, 0.3090, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7319, 0.3022, 0.3652 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(168, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 208, 180)  
}
```

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(168, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 208, 180) }
```

Border

The CSS property to change the border of an element to Yxy 56.7319, 0.3022, 0.3652 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(168, 208, 180) }
```

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

```
.border{ border-color:rgb(168, 208, 180) }
```

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

Here you see how a box with a 4 pixel rgb(168, 208, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 208,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7319, 0.3022, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 208, 180) }
```

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

```
.background{ background-color: rgb(168,  
208, 180) }
```

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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