

Converting Colors

Yxy(56.4524, 0.3240, 0.3849)

Have a look what the booklet for
Yxy(56.4524, 0.3240, 0.3849)
contains.

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Color

Yxy(56.5750, 0.3246, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	B5CEA2
RGB	181, 206, 162
RGB Percent	71%, 81%, 64%
CMY	0.2899, 0.1922, 0.3646
CMYK	0.12, 0.00, 0.21, 0.19
HSL	94°, 31%, 72%
HSV	94°, 21%, 81%
XYZ	47.6622, 56.5750, 42.5964
YIQ	193.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

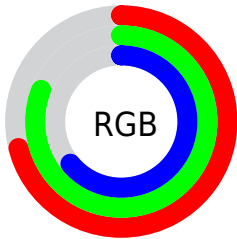
Format	Color
RYB	162, 206, 187
Decimal	11914914
CIELab	79.94, -16.30, 19.14
CIELCh	80, 25.139, 130.416
Yxy	56.5750, 0.3246, 0.3853
Android (android.graphics.Color)	4290104994 (0xFFB5CEA2)
YUV	193.5090, -15.5339, -10.9704
Hunter-Lab	75.2164, -18.5189, 19.0744

Details

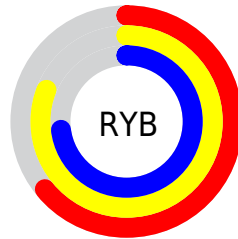
The Yxy color $56.5750, 0.3246, 0.3853$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.8572, 0.2983, 0.2736$, and the grayscale version is $53.7458, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.5343, 0.3235, 0.3675$, and $28.1715, 0.3273, 0.4019$ is the 20% darker color. If you saturate the color by 10%, you get $54.5507, 0.3297, 0.4148$, and if you desaturate by 10%, it is $58.8424, 0.3191, 0.3577$.

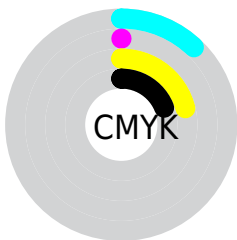
Distribution



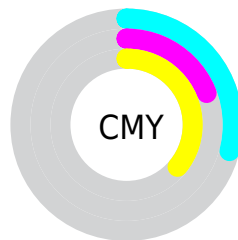
- Red (71%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)




- Cyan (29%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5750, 0.3246, 0.3853 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 56.5750, 0.3246, 0.3853 by changing the saturation by 10% instead.


 56.5750, 0.3246,
0.3853


 56.5750, 0.3246,
0.3853

411.8549, 0.3193,
0.3573

 40.6641, 0.3257,
0.3922


 99.8448, 0.3228,
0.3752

 28.0567, 0.3271,
0.4011


 127.9725, 0.3221,
0.3713

 18.3684, 0.3287,
0.4128


160.9413, 0.3215,
0.3681

 11.2148, 0.3305,
0.4290

199.1355, 0.3209,
0.3653

 6.2115, 0.3325,
0.4526

242.9396, 0.3205,
0.3629

 2.9741, 0.3337,
0.4901

292.7379, 0.3200,

 1.1182, 0.3669,

0.3608

0.6331

348.9149, 0.3196,
0.3589

0.0000, 0.0000,
0.0000

56.5750, 0.3246,
0.3853

56.5750, 0.3246,
0.3853

54.5507, 0.3297,
0.4148

58.8424, 0.3191,
0.3577

52.7535, 0.3340,
0.4454

61.3538, 0.3135,
0.3322

51.1765, 0.3371,
0.4761


64.1194, 0.3079,
0.3092


49.8096, 0.3388,
0.5053


67.1466, 0.3025,
0.2886


48.6419, 0.3386,
0.5315


69.7812, 0.3038,
0.2794

 47.6609, 0.3363,
0.5530

 71.8835, 0.3121,
0.2807

 46.8527, 0.3321,
0.5687

 72.6159, 0.3150,
0.2811

 46.2733, 0.3275,
0.5781

Harmonies

Analogous

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



56.5750, 0.3551, 0.3862



56.5750, 0.3246, 0.3853



56.5750, 0.2920, 0.3667

Triad

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



56.5750, 0.3246, 0.3853



56.5750, 0.2538, 0.2841



56.5750, 0.3611, 0.3192

Complementary

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



56.5750, 0.3246, 0.3853



40.8572, 0.2983, 0.2736

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.



56.5750, 0.3316, 0.2952



56.5750, 0.3246, 0.3853



56.5750, 0.2701, 0.2750

Square

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



56.5750, 0.3246, 0.3853



56.5750, 0.2523, 0.3060



56.5750, 0.2982, 0.2794



56.5750, 0.3772, 0.3465

Rectangle

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



56.5750, 0.3246, 0.3853



56.5750, 0.2734, 0.3472



56.5750, 0.2982, 0.2794



56.5750, 0.3524, 0.3106

Sweetspot

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



56.5775, 0.3246, 0.3853



97.4462, 0.3161, 0.3440



50.9307, 0.3493, 0.3589



20.7999, 0.3165, 0.3456



0.0000, 0.0000, 0.0000



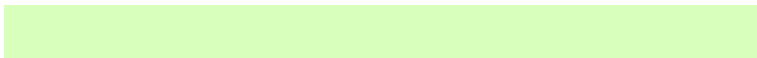
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5775, 0.3246, 0.3853



89.9994, 0.3272, 0.3998



54.5068, 0.3085, 0.3848



12.7707, 0.3180, 0.3525



28.5530, 0.3286, 0.5773



1.5176, 0.3442, 0.5649

Inverse Universe

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



40.8572, 0.2983, 0.2736



59.6980, 0.2942, 0.2597



43.3151, 0.3171, 0.2789



11.1523, 0.3070, 0.3057



5.1192, 0.2167, 0.0967



0.3084, 0.2365, 0.1077

Previews

White Background



This preview shows how the Yxy color 56.5750, 0.3246, 0.3853 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 56.5750, 0.3246, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

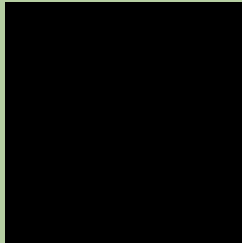
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

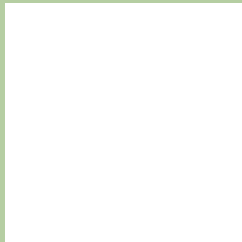
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5750, 0.3246, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 56.5750, 0.3246, 0.3853.



This preview shows how white text looks on a background with the Yxy color 56.5750, 0.3246, 0.3853.

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

56.5750, 0.3246, 0.3853

Protanopia

56.1028, 0.3533, 0.3760

Deuteranopia

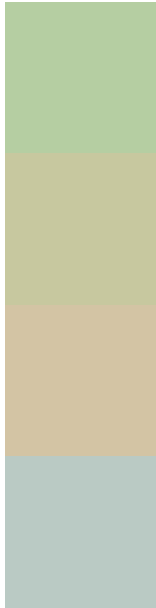
56.0375, 0.3652, 0.3578



Tritanopia

56.5720, 0.2939, 0.3098

Trichromacy



Original Color

56.5750, 0.3246, 0.3853

Protanomaly

55.9539, 0.3425, 0.3797

Deuteranomaly

56.0091, 0.3497, 0.3674

Tritanomaly

56.6657, 0.3047, 0.3364

Monochromacy



Original Color

56.5750, 0.3246, 0.3853

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5844, 0.3173, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5750, 0.3246, 0.3853 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(181, 206, 162)` looks like.

```
.text, #text, p{  
    color:rgb(181, 206, 162)  
}
```

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(181, 206, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 206, 162) }
```

Border

The CSS property to change the border of an element to Yxy 56.5750, 0.3246, 0.3853 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(181, 206, 162) }
```

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

```
.border{ border-color:rgb(181, 206, 162) }
```

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

Here you see how a box with a 4 pixel rgb(181, 206, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 206, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 206, 162);  
box-shadow:4px 4px 4px 4px rgb(181, 206,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5750, 0.3246, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 206, 162) }
```

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

```
.background{ background-color: rgb(181,  
206, 162) }
```

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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