

Converting Colors

$Yxy(57.6853, 0.3116, 0.3521)$

Have a look what the booklet for
Yxy(57.6853, 0.3116, 0.3521)
contains.

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Color

Yxy(57.6469, 0.3116, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	BACDBA
RGB	186, 205, 186
RGB Percent	73%, 80%, 73%
CMY	0.2706, 0.1961, 0.2706
CMYK	0.09, 0.00, 0.09, 0.20
HSL	120°, 16%, 77%
HSV	120°, 9%, 80%
XYZ	50.9438, 57.6469, 54.9003
YIQ	197.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

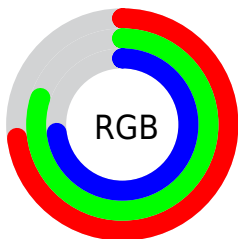
Format	Color
R _{YB}	186, 205, 205
Decimal	12242362
CIE Lab	80.54, -9.98, 7.27
CIE LCh	81, 12.344, 143.935
Yxy	57.6469, 0.3116, 0.3526
Android (android.graphics.Color)	4290432442 (0xFFBACDBA)
YUV	197.1530, -5.4984, -9.7812
Hunter-Lab	75.9256, -13.1016, 10.2765

Details

The Yxy color **57.6469, 0.3116, 0.3526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5039, 0.3138, 0.3065**, and the grayscale version is **55.9694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8081, 0.3121, 0.3418**, and **28.8132, 0.3113, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **54.4534, 0.3102, 0.3814**, and if you desaturate by 10%, it is **61.3386, 0.3128, 0.3273**.

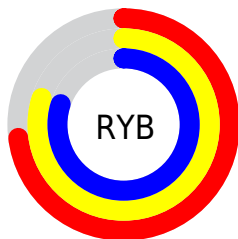
Distribution



Red (73%)

Green (80%)

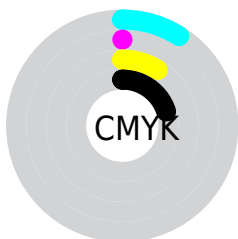
Blue (73%)



Red (73%)

Yellow (80%)

Blue (80%)

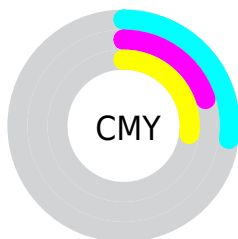


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (20%)



Cyan (27%)


Magenta (20%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6469, 0.3116, 0.3526 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 57.6469, 0.3116, 0.3526 by changing the saturation by 10% instead.

 57.6469, 0.3116,
0.3526

 57.6469, 0.3116,
0.3526

415.8689, 0.3122,
0.3410

 41.5248, 0.3114,
0.3554


 101.4085, 0.3118,
0.3484

 28.7294, 0.3112,
0.3590


129.8168, 0.3119,
0.3469

 18.8762, 0.3109,
0.3637


163.0893, 0.3120,
0.3455

 11.5809, 0.3104,
0.3702

201.6105, 0.3121,
0.3444

 6.4590, 0.3096,
0.3796

245.7646, 0.3121,
0.3434

 3.1261, 0.3081,
0.3945

295.9361, 0.3122,

 1.1979, 0.3063,

0.3425

0.4238

352.5094, 0.3122,
0.3417

0.0600, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6469, 0.3116,
0.3526

57.6469, 0.3116,
0.3526

54.4534, 0.3102,
0.3814

61.3386, 0.3128,
0.3273

51.7298, 0.3087,
0.4135

65.5409, 0.3138,
0.3053

49.4563, 0.3071,
0.4482

70.2746, 0.3147,
0.2864

47.6085, 0.3054,
0.4840

72.1451, 0.3150,
0.2801

■ 46.1600, 0.3038,
0.5188

■ 45.0814, 0.3023,
0.5500

■ 44.3393, 0.3012,
0.5747

■ 43.8939, 0.3004,
0.5911

■ 43.6783, 0.3000,
0.5995

Harmonies

Analogous

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



57.6469, 0.3275, 0.3573



57.6469, 0.3116, 0.3526



57.6469, 0.2963, 0.3410

Triad

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



57.6469, 0.3116, 0.3526



57.6469, 0.2862, 0.3040



57.6469, 0.3406, 0.3308

Complementary

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



57.6469, 0.3116, 0.3526



52.5039, 0.3138, 0.3065

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.



57.6469, 0.3291, 0.3173



57.6469, 0.3116, 0.3526



57.6469, 0.2976, 0.3020

Square

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



57.6469, 0.3116, 0.3526



57.6469, 0.2819, 0.3127



57.6469, 0.3132, 0.3069



57.6469, 0.3445, 0.3442

Rectangle

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



57.6469, 0.3116, 0.3526



57.6469, 0.2884, 0.3312



57.6469, 0.3132, 0.3069



57.6469, 0.3375, 0.3261

Sweetspot

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



57.6494, 0.3116, 0.3526



98.0952, 0.3124, 0.3364



60.1900, 0.3264, 0.3516



20.8902, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



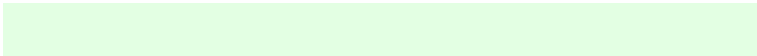
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6494, 0.3116, 0.3526



93.3870, 0.3114, 0.3577



58.0667, 0.3050, 0.3407



12.5371, 0.3116, 0.3529



27.1819, 0.3000, 0.6000



1.4023, 0.2999, 0.5998

Inverse Universe

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



52.5039, 0.3138, 0.3065



83.3897, 0.3140, 0.3019



52.0592, 0.3212, 0.3176



11.4037, 0.3138, 0.3062



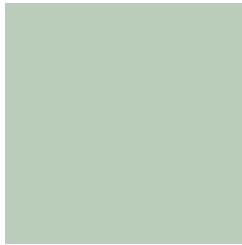
10.8203, 0.3211, 0.1542



0.5582, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 57.6469, 0.3116, 0.3526 looks on a white background.

Color Contrast Check

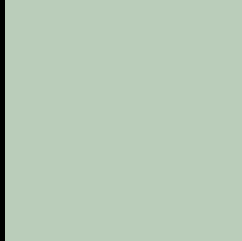
Large Text (above 18pt) WCAG AA × Fail

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 57.6469, 0.3116, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

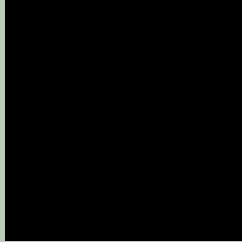
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

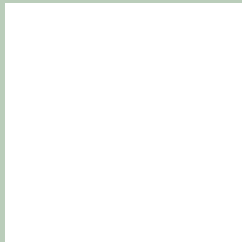
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6469, 0.3116, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 57.6469, 0.3116, 0.3526.



This preview shows how white text looks on a background with the Yxy color 57.6469, 0.3116, 0.3526.

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

57.6469, 0.3116, 0.3526

Protanopia

57.5311, 0.3310, 0.3481

Deuteranopia

57.4587, 0.3413, 0.3348



Tritanopia

57.8075, 0.2947, 0.3111

Trichromacy



Original Color

57.6469, 0.3116, 0.3526

Protanomaly

57.3761, 0.3235, 0.3497

Deuteranomaly

57.2220, 0.3307, 0.3409

Tritanomaly

57.4677, 0.3008, 0.3253

Monochromacy



Original Color

57.6469, 0.3116, 0.3526

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4963, 0.3123, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6469, 0.3116, 0.3526 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(186, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 205, 186)  
}
```

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(186, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 205, 186) }
```

Border

The CSS property to change the border of an element to Yxy 57.6469, 0.3116, 0.3526 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(186, 205, 186) }
```

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

```
.border{ border-color:rgb(186, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 205,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6469, 0.3116, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 205, 186) }
```

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

```
.background{ background-color: rgb(186,  
205, 186) }
```

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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