

Converting Colors

Yxy(57.0388, 0.3186, 0.3623)

Have a look what the booklet for
Yxy(57.0388, 0.3186, 0.3623)
contains.

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Color

Yxy(56.9649, 0.3181, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	BBCCB2
RGB	187, 204, 178
RGB Percent	73%, 80%, 70%
CMY	0.2666, 0.2000, 0.3018
CMYK	0.08, 0.00, 0.13, 0.20
HSL	99°, 20%, 75%
HSV	99°, 13%, 80%
XYZ	50.1260, 56.9649, 50.4884
YIQ	195.9530, -1.7860, -11.6900

Conversions

Conversions Part 2

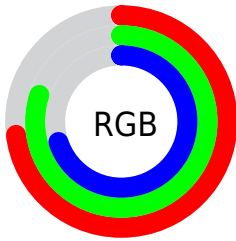
Format	Color
RYB	178, 204, 195
Decimal	12307634
CIELab	80.16, -10.52, 10.99
CIELCh	80, 15.212, 133.733
Yxy	56.9649, 0.3181, 0.3615
Android (android.graphics.Color)	4290497714 (0xFFBBCCB2)
YUV	195.9530, -8.8508, -7.8518
Hunter-Lab	75.4751, -13.5326, 13.1710

Details

The Yxy color **56.9649, 0.3181, 0.3615** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8180, 0.3066, 0.2972**, and the grayscale version is **55.2302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5152, 0.3174, 0.3498**, and **28.3617, 0.3199, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **54.6015, 0.3221, 0.3899**, and if you desaturate by 10%, it is **59.6115, 0.3139, 0.3356**.

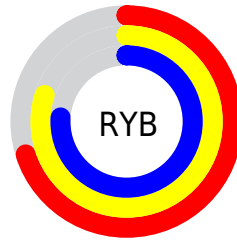
Distribution



Red (73%)

Green (80%)

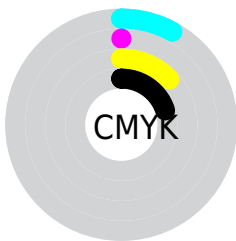
Blue (70%)



Red (70%)

Yellow (80%)

Blue (76%)

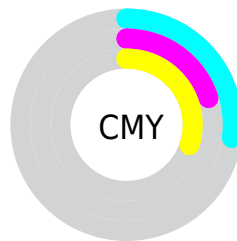


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9649, 0.3181, 0.3615 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 56.9649, 0.3181, 0.3615 by changing the saturation by 10% instead.

■ 56.9649, 0.3181,
0.3615

■ 56.9649, 0.3181,
0.3615

413.3178, 0.3156,
0.3455

■ 40.9771, 0.3186,
0.3654

■ 100.4140, 0.3173,
0.3557

■ 28.3012, 0.3193,
0.3704

128.6440, 0.3169,
0.3536

■ 18.5528, 0.3201,
0.3770

161.7235, 0.3166,
0.3517

■ 11.3476, 0.3211,
0.3860

200.0370, 0.3164,
0.3501

■ 6.3011, 0.3224,
0.3992

243.9687, 0.3162,
0.3487

■ 3.0290, 0.3240,
0.4203

293.9032, 0.3160,

■ 1.1469, 0.3363,

0.3475

0.4748

350.2247, 0.3158,
0.3465

0.0177, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9649, 0.3181,
0.3615

56.9649, 0.3181,
0.3615

54.6015, 0.3221,
0.3899

59.6115, 0.3139,
0.3356

52.5045, 0.3257,
0.4203

62.5432, 0.3096,
0.3123

50.6660, 0.3285,
0.4520

65.7710, 0.3054,
0.2916

49.0753, 0.3302,
0.4837

69.0013, 0.3045,
0.2775

■ 47.7204, 0.3305,
0.5140

■ 71.4293, 0.3141,
0.2790

■ 46.5887, 0.3292,
0.5409

■ 71.6659, 0.3151,
0.2792

■ 45.6658, 0.3262,
0.5626

■ 44.9352, 0.3216,
0.5780

■ 44.5074, 0.3179,
0.5858

Harmonies

Analogous

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



56.9649, 0.3368, 0.3638



56.9649, 0.3181, 0.3615



56.9649, 0.2984, 0.3496

Triad

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



56.9649, 0.3181, 0.3615



56.9649, 0.2772, 0.3008



56.9649, 0.3433, 0.3252

Complementary

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



56.9649, 0.3181, 0.3615



47.8180, 0.3066, 0.2972

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.



56.9649, 0.3265, 0.3096



56.9649, 0.3181, 0.3615



56.9649, 0.2884, 0.2957

Square

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



56.9649, 0.3181, 0.3615



56.9649, 0.2752, 0.3138



56.9649, 0.3064, 0.2990



56.9649, 0.3518, 0.3422

Rectangle

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



56.9649, 0.3181, 0.3615



56.9649, 0.2873, 0.3380



56.9649, 0.3064, 0.2990



56.9649, 0.3385, 0.3197

Sweetspot

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



56.9674, 0.3181, 0.3615



98.1165, 0.3144, 0.3389



55.0434, 0.3330, 0.3495



20.9270, 0.3148, 0.3408



0.0000, 0.0000, 0.0000



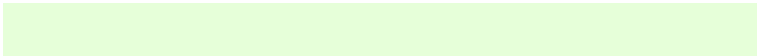
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9674, 0.3181, 0.3615



93.3352, 0.3191, 0.3683



56.0289, 0.3084, 0.3571



12.7223, 0.3167, 0.3526



28.0603, 0.3189, 0.5850



1.4895, 0.3346, 0.5725

Inverse Universe

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



47.8180, 0.3066, 0.2972



75.5548, 0.3053, 0.2907



48.8656, 0.3173, 0.3024



11.2021, 0.3083, 0.3058



5.9606, 0.2361, 0.1074



0.3486, 0.2530, 0.1167

Previews

White Background



This preview shows how the Yxy color 56.9649, 0.3181, 0.3615 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 56.9649, 0.3181, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

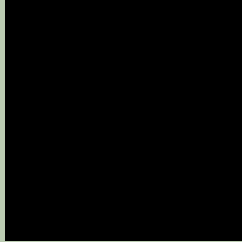
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

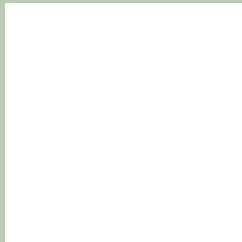
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9649, 0.3181, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 56.9649, 0.3181, 0.3615.



This preview shows how white text looks on a background with the Yxy color 56.9649, 0.3181, 0.3615.

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

56.9649, 0.3181, 0.3615

Protanopia

56.8932, 0.3381, 0.3566

Deuteranopia

56.4451, 0.3482, 0.3406



Tritanopia

57.0906, 0.2969, 0.3099

Trichromacy



Original Color

56.9649, 0.3181, 0.3615

Protanomaly

56.7225, 0.3305, 0.3583

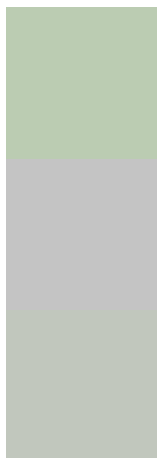
Deuteranomaly

56.6240, 0.3371, 0.3481

Tritanomaly

57.1139, 0.3043, 0.3278

Monochromacy



Original Color

56.9649, 0.3181, 0.3615

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.8584, 0.3153, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9649, 0.3181, 0.3615 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(187, 204, 178)` looks like.

```
.text, #text, p{  
    color:rgb(187, 204, 178)  
}
```

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(187, 204, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 204, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.9649, 0.3181, 0.3615 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(187, 204, 178) }
```

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

```
.border{ border-color:rgb(187, 204, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 204, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 204, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 204, 178);  
box-shadow:4px 4px 4px 4px rgb(187, 204,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9649, 0.3181, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 204, 178) }
```

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

```
.background{ background-color: rgb(187,  
204, 178) }
```

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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