

Converting Colors

$Yxy(57.5806, 0.3259, 0.3626)$

Have a look what the booklet for
Yxy(57.5806, 0.3259, 0.3626)
contains.

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Color

Yxy(57.4486, 0.3260, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	C3CBB0
RGB	195, 203, 176
RGB Percent	76%, 80%, 69%
CMY	0.2354, 0.2039, 0.3099
CMYK	0.04, 0.00, 0.13, 0.20
HSL	78°, 21%, 74%
HSV	78°, 13%, 80%
XYZ	51.6926, 57.4486, 49.4251
YIQ	197.5300, 3.8990, -10.0930

Conversions

Conversions Part 2

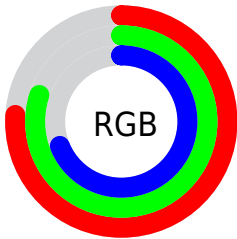
Format	Color
RYB	176, 203, 184
Decimal	12831664
CIELab	80.43, -7.52, 12.55
CIElCh	80, 14.634, 120.923
Yxy	57.4486, 0.3260, 0.3623
Android (android.graphics.Color)	4291021744 (0xFFC3CBB0)
YUV	197.5300, -10.6143, -2.2188
Hunter-Lab	75.7949, -10.9027, 14.3939

Details

The Yxy color **57.4486, 0.3260, 0.3623** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5446, 0.2982, 0.2948**, and the grayscale version is **56.2346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0416, 0.3243, 0.3514**, and **28.5877, 0.3294, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **55.9199, 0.3360, 0.3889**, and if you desaturate by 10%, it is **59.1350, 0.3160, 0.3370**.

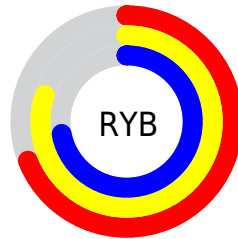
Distribution



Red (76%)

Green (80%)

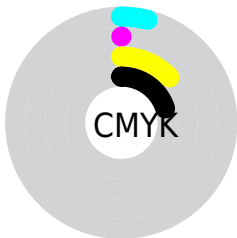
Blue (69%)



Red (69%)

Yellow (80%)

Blue (72%)

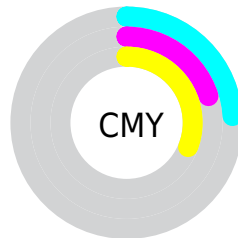


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (20%)



Cyan (24%)


Magenta (20%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4486, 0.3260, 0.3623 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 57.4486, 0.3260, 0.3623 by changing the saturation by 10% instead.


 57.4486, 0.3260,
0.3623

 57.4486, 0.3260,
0.3623


415.1281, 0.3197,
0.3460

 41.3655, 0.3275,
0.3663


 101.1195, 0.3238,
0.3565

 28.6048, 0.3293,
0.3713


129.4760, 0.3229,
0.3542

 18.7821, 0.3316,
0.3779


162.6925, 0.3222,
0.3523

 11.5129, 0.3347,
0.3869

201.1534, 0.3216,
0.3507

 6.4129, 0.3389,
0.4000

245.2430, 0.3210,
0.3493

 3.0978, 0.3450,
0.4205

295.3457, 0.3205,

 1.1830, 0.3696,

0.3481

0.4772

351.8460, 0.3201,
0.3470

■ 0.0477, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4486, 0.3260,
0.3623

■ 57.4486, 0.3260,
0.3623

■ 55.9199, 0.3360,
0.3889

■ 59.1350, 0.3160,
0.3370

■ 54.5355, 0.3456,
0.4163

■ 60.9768, 0.3062,
0.3134

■ 53.2920, 0.3543,
0.4436

■ 62.9816, 0.2969,
0.2917

■ 52.1827, 0.3617,
0.4697

■ 65.0131, 0.2894,
0.2741

■ 51.2004, 0.3672,
0.4936

■ 65.9658, 0.2936,
0.2748

■ 50.3370, 0.3705,
0.5140

■ 66.9527, 0.2979,
0.2754

■ 49.5833, 0.3713,
0.5299

■ 67.9742, 0.3022,
0.2761

■ 48.9282, 0.3696,
0.5410

■ 69.0306, 0.3065,
0.2768

■ 48.5325, 0.3675,
0.5464

■ 70.1222, 0.3109,
0.2775

Harmonies

Analogous

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



57.4486, 0.3420, 0.3604



57.4486, 0.3260, 0.3623



57.4486, 0.3068, 0.3546

Triad

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



57.4486, 0.3260, 0.3623



57.4486, 0.2766, 0.3065



57.4486, 0.3360, 0.3186

Complementary

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



57.4486, 0.3260, 0.3623



45.5446, 0.2982, 0.2948

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.



57.4486, 0.3178, 0.3053



57.4486, 0.3260, 0.3623



57.4486, 0.2838, 0.2981

Square

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



57.4486, 0.3260, 0.3623



57.4486, 0.2787, 0.3215



57.4486, 0.2987, 0.2978



57.4486, 0.3479, 0.3348

Rectangle

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



57.4486, 0.3260, 0.3623



57.4486, 0.2949, 0.3450



57.4486, 0.2987, 0.2978



57.4486, 0.3303, 0.3137

Sweetspot

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



57.4511, 0.3260, 0.3623



98.7904, 0.3167, 0.3388



49.9619, 0.3356, 0.3385



21.0976, 0.3175, 0.3407



0.0000, 0.0000, 0.0000



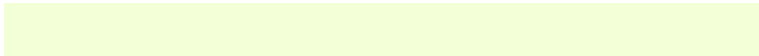
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4511, 0.3260, 0.3623



95.4192, 0.3289, 0.3699



55.7761, 0.3156, 0.3634



12.9230, 0.3221, 0.3522



30.9308, 0.3682, 0.5459



1.6338, 0.3785, 0.5377

Inverse Universe

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



45.5446, 0.2982, 0.2948



71.6344, 0.2947, 0.2868



47.2447, 0.3093, 0.2960



11.0028, 0.3028, 0.3054



3.4026, 0.1705, 0.0713



0.2152, 0.1924, 0.0833

Previews

White Background



This preview shows how the Yxy color 57.4486, 0.3260, 0.3623 looks on a white background.

Color Contrast Check

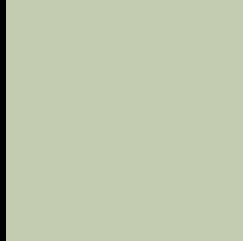
Large Text (above 18pt) WCAG AA × Fail

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 57.4486, 0.3260, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

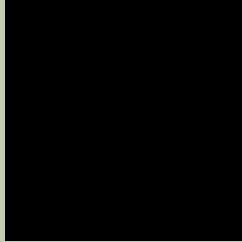
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

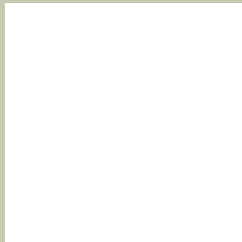
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4486, 0.3260, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 57.4486, 0.3260, 0.3623.



This preview shows how white text looks on a background with the Yxy color 57.4486, 0.3260, 0.3623.

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

57.4486, 0.3260, 0.3623

Protanopia

57.4581, 0.3396, 0.3589

Deuteranopia

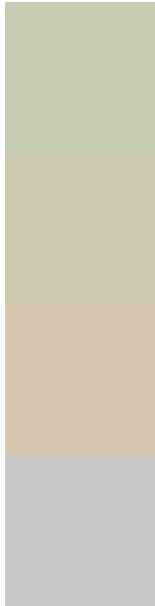
57.0824, 0.3522, 0.3451



Tritanopia

57.4716, 0.3035, 0.3114

Trichromacy



Original Color

57.4486, 0.3260, 0.3623

Protanomaly

57.2411, 0.3345, 0.3593

Deuteranomaly

57.1013, 0.3428, 0.3514

Tritanomaly

57.4845, 0.3112, 0.3290

Monochromacy



Original Color

57.4486, 0.3260, 0.3623

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8966, 0.3176, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4486, 0.3260, 0.3623 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(195, 203, 176)` looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 176)  
}
```

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(195, 203, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 176) }
```

Border

The CSS property to change the border of an element to Yxy 57.4486, 0.3260, 0.3623 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(195, 203, 176) }
```

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

```
.border{ border-color:rgb(195, 203, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 203, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 203, 176); box-shadow:4px 4px 4px 4px rgb(195, 203, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4486, 0.3260, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 176) }
```

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

```
.background{ background-color: rgb(195,  
203, 176) }
```

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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