

Converting Colors

Yxy(57.1588, 0.3201, 0.3571)

Have a look what the booklet for
Yxy(57.1588, 0.3201, 0.3571)
contains.

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Color

Yxy(57.2136, 0.3207, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	C0CBB4
RGB	192, 203, 180
RGB Percent	75%, 80%, 71%
CMY	0.2470, 0.2039, 0.2940
CMYK	0.05, 0.00, 0.11, 0.20
HSL	89°, 18%, 75%
HSV	89°, 11%, 80%
XYZ	51.3386, 57.2136, 51.5307
YIQ	197.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

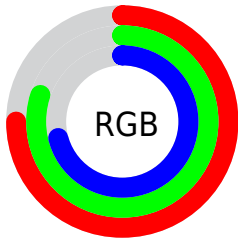
Format	Color
RYB	180, 203, 191
Decimal	12635060
CIELab	80.30, -7.89, 10.17
CIElCh	80, 12.874, 127.781
Yxy	57.2136, 0.3207, 0.3574
Android (android.graphics.Color)	4290825140 (0xFFC0CBB4)
YUV	197.0890, -8.4249, -4.4631
Hunter-Lab	75.6397, -11.2170, 12.5556

Details

The Yxy color $57.2136, 0.3207, 0.3574$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.0410, 0.3040, 0.3006$, and the grayscale version is $55.9470, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5326, 0.3194, 0.3476$, and $28.4305, 0.3224, 0.3657$ is the 20% darker color. If you saturate the color by 10%, you get $55.2235, 0.3277, 0.3846$, and if you desaturate by 10%, it is $59.4132, 0.3136, 0.3322$.

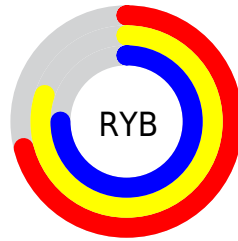
Distribution



Red (75%)

Green (80%)

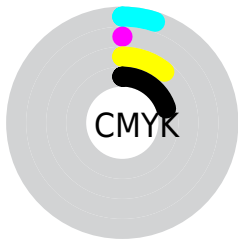
Blue (71%)



Red (71%)

Yellow (80%)

Blue (75%)

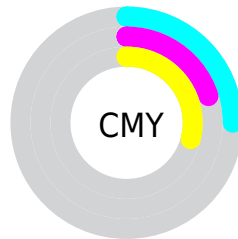


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (20%)



Cyan (25%)

Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2136, 0.3207, 0.3574 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 57.2136, 0.3207, 0.3574 by changing the saturation by 10% instead.

■ 57.2136, 0.3207,
0.3574

■ 57.2136, 0.3207,
0.3574

414.2492, 0.3169,
0.3435

■ 41.1768, 0.3216,
0.3608

■ 100.7768, 0.3194,
0.3524

■ 28.4572, 0.3226,
0.3651

129.0719, 0.3189,
0.3505

■ 18.6706, 0.3240,
0.3708

162.2220, 0.3184,
0.3489

■ 11.4325, 0.3258,
0.3785

200.6113, 0.3181,
0.3475

■ 6.3585, 0.3283,
0.3898

244.6242, 0.3177,
0.3463

■ 3.0643, 0.3317,
0.4076

294.6453, 0.3174,

■ 1.1654, 0.3448,

0.3453

0.4504

351.0588, 0.3172,
0.3443

0.0332, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2136, 0.3207,
0.3574

57.2136, 0.3207,
0.3574

55.2235, 0.3277,
0.3846

59.4132, 0.3136,
0.3322

53.4287, 0.3342,
0.4134

61.8214, 0.3067,
0.3091

51.8244, 0.3400,
0.4429

64.4469, 0.3000,
0.2882

50.4028, 0.3446,
0.4722

66.8880, 0.2977,
0.2754

■ 49.1555, 0.3475,
0.5000

■ 68.5449, 0.3046,
0.2765

■ 48.0731, 0.3485,
0.5246

■ 70.2926, 0.3116,
0.2776

■ 47.1453, 0.3471,
0.5449

■ 71.1902, 0.3151,
0.2782

■ 46.3599, 0.3436,
0.5597

■ 45.7758, 0.3393,
0.5688

Harmonies

Analogous

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



57.2136, 0.3358, 0.3578



57.2136, 0.3207, 0.3574



57.2136, 0.3038, 0.3488

Triad

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



57.2136, 0.3207, 0.3574



57.2136, 0.2816, 0.3069



57.2136, 0.3362, 0.3230

Complementary

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



57.2136, 0.3207, 0.3574



48.0410, 0.3040, 0.3006

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.



57.2136, 0.3211, 0.3104



57.2136, 0.3207, 0.3574



57.2136, 0.2897, 0.3010

Square

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



57.2136, 0.3207, 0.3574



57.2136, 0.2815, 0.3191



57.2136, 0.3041, 0.3024



57.2136, 0.3450, 0.3375

Rectangle

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



57.2136, 0.3207, 0.3574



57.2136, 0.2938, 0.3397



57.2136, 0.3041, 0.3024



57.2136, 0.3317, 0.3184

Sweetspot

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



57.2161, 0.3207, 0.3574



98.8305, 0.3149, 0.3364



53.1431, 0.3312, 0.3421



21.0881, 0.3154, 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.



57.2161, 0.3207, 0.3574



94.8180, 0.3227, 0.3650



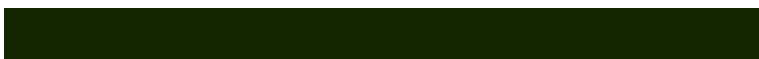
55.8052, 0.3119, 0.3582



12.8203, 0.3193, 0.3524



29.1872, 0.3402, 0.5681



1.5508, 0.3549, 0.5564

Inverse Universe

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



48.0410, 0.3040, 0.3006



75.9333, 0.3015, 0.2929



49.5535, 0.3134, 0.3014



11.1024, 0.3056, 0.3056



4.4140, 0.1989, 0.0869



0.2728, 0.2207, 0.0990

Previews

White Background



This preview shows how the Yxy color 57.2136, 0.3207, 0.3574 looks on a white background.

Color Contrast Check

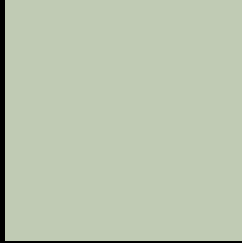
Large Text (above 18pt) WCAG AA × Fail

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 57.2136, 0.3207, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

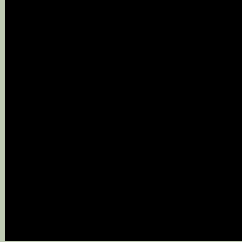
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

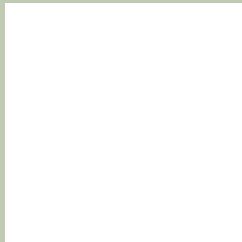
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2136, 0.3207, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 57.2136, 0.3207, 0.3574.



This preview shows how white text looks on a background with the Yxy color 57.2136, 0.3207, 0.3574.

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

57.2136, 0.3207, 0.3574

Protanopia

57.0124, 0.3358, 0.3530

Deuteranopia

56.9240, 0.3472, 0.3406



Tritanopia

57.1135, 0.3005, 0.3101

Trichromacy



Original Color

57.2136, 0.3207, 0.3574

Protanomaly

57.1198, 0.3298, 0.3545

Deuteranomaly

56.8131, 0.3372, 0.3468

Tritanomaly

57.1749, 0.3074, 0.3266

Monochromacy



Original Color

57.2136, 0.3207, 0.3574

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2105, 0.3154, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2136, 0.3207, 0.3574 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(192, 203, 180)` looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 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(192, 203, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 180) }
```

Border

The CSS property to change the border of an element to Yxy 57.2136, 0.3207, 0.3574 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(192, 203, 180) }
```

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

```
.border{ border-color:rgb(192, 203, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 203, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 203, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 203, 180);  
box-shadow:4px 4px 4px 4px rgb(192, 203,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2136, 0.3207, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 180) }
```

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

```
.background{ background-color: rgb(192,  
203, 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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