

Converting Colors

Yxy(57.6802, 0.3157, 0.3474)

Have a look what the booklet for
Yxy(57.6802, 0.3157, 0.3474)
contains.

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Color

Yxy(57.6802, 0.3157, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	C1CBBC
RGB	193, 203, 188
RGB Percent	76%, 80%, 74%
CMY	0.2433, 0.2039, 0.2628
CMYK	0.05, 0.00, 0.07, 0.20
HSL	100°, 13%, 77%
HSV	100°, 7%, 80%
XYZ	52.4169, 57.6802, 55.9368
YIQ	198.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

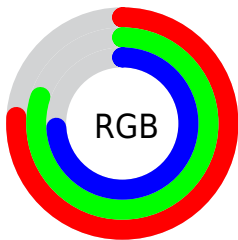
Format	Color
RYB	188, 203, 198
Decimal	12700604
CIELab	80.56, -6.18, 6.30
CIELCh	81, 8.828, 134.437
Yxy	57.6802, 0.3157, 0.3474
Android (android.graphics.Color)	4290890684 (0xFFC1CBBC)
YUV	198.3000, -5.0779, -4.6481
Hunter-Lab	75.9475, -9.7122, 9.4950

Details

The Yxy color **57.6802, 0.3157, 0.3474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2818, 0.3095, 0.3108**, and the grayscale version is **56.6935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1914, 0.3153, 0.3397**, and **28.7331, 0.3157, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **55.1655, 0.3196, 0.3745**, and if you desaturate by 10%, it is **60.4867, 0.3117, 0.3229**.

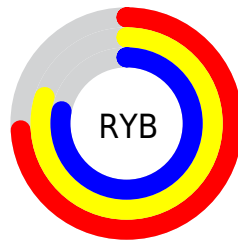
Distribution



Red (76%)

Green (80%)

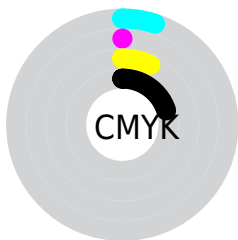
Blue (74%)



Red (74%)

Yellow (80%)

Blue (78%)

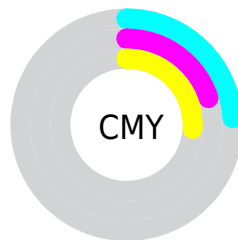


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (24%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6802, 0.3157, 0.3474 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 57.6802, 0.3157, 0.3474 by changing the saturation by 10% instead.

■ 57.6802, 0.3157,
0.3474

■ 57.6802, 0.3157,
0.3474

415.9932, 0.3143,
0.3384

■ 41.5516, 0.3160,
0.3496

■ 101.4570, 0.3152,
0.3442

■ 28.7503, 0.3164,
0.3523

129.8740, 0.3150,
0.3430

■ 18.8920, 0.3169,
0.3559

163.1559, 0.3149,
0.3419

■ 11.5923, 0.3176,
0.3609

201.6872, 0.3147,
0.3410

■ 6.4667, 0.3185,
0.3680

245.8521, 0.3146,
0.3403

■ 3.1309, 0.3197,
0.3793

296.0352, 0.3145,

■ 1.2004, 0.3221,

0.3396

0.4003

352.6208, 0.3144,
0.3390

0.0621, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6802, 0.3157,
0.3474

57.6802, 0.3157,
0.3474

55.1655, 0.3196,
0.3745

60.4867, 0.3117,
0.3229

52.9257, 0.3232,
0.4040

63.5867, 0.3077,
0.3010

50.9532, 0.3262,
0.4352

66.9912, 0.3038,
0.2816

49.2374, 0.3283,
0.4673

69.7606, 0.3095,
0.2773

■ 47.7668, 0.3293,
0.4988

■ 71.1997, 0.3151,
0.2782

■ 46.5289, 0.3287,
0.5279

■ 45.5101, 0.3265,
0.5528

■ 44.6949, 0.3228,
0.5717

■ 44.0636, 0.3178,
0.5842

Harmonies

Analogous

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



57.6802, 0.3265, 0.3490



57.6802, 0.3157, 0.3474



57.6802, 0.3042, 0.3406

Triad

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



57.6802, 0.3157, 0.3474



57.6802, 0.2921, 0.3126



57.6802, 0.3305, 0.3272

Complementary

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



57.6802, 0.3157, 0.3474



52.2818, 0.3095, 0.3108

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.



57.6802, 0.3210, 0.3179



57.6802, 0.3157, 0.3474



57.6802, 0.2989, 0.3095

Square

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



57.6802, 0.3157, 0.3474



57.6802, 0.2908, 0.3202



57.6802, 0.3094, 0.3115



57.6802, 0.3352, 0.3371

Rectangle

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



57.6802, 0.3157, 0.3474



57.6802, 0.2978, 0.3340



57.6802, 0.3094, 0.3115



57.6802, 0.3278, 0.3239

Sweetspot

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



57.6827, 0.3157, 0.3474



99.0349, 0.3135, 0.3339



56.7195, 0.3241, 0.3411



21.2077, 0.3135, 0.3336



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.



57.6827, 0.3157, 0.3474



95.8142, 0.3164, 0.3519



57.1479, 0.3101, 0.3445



12.7145, 0.3165, 0.3526



27.9920, 0.3175, 0.5861



1.4854, 0.3331, 0.5737

Inverse Universe

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



52.2818, 0.3095, 0.3108



84.8072, 0.3087, 0.3065



52.8518, 0.3155, 0.3140



11.2103, 0.3086, 0.3058



6.1115, 0.2394, 0.1093



0.3556, 0.2557, 0.1182

Previews

White Background



This preview shows how the Yxy color 57.6802, 0.3157, 0.3474 looks on a white background.

Color Contrast Check

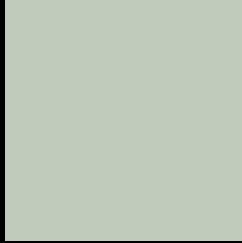
Large Text (above 18pt) WCAG AA × Fail

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 57.6802, 0.3157, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

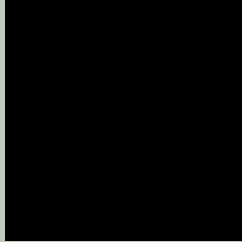
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

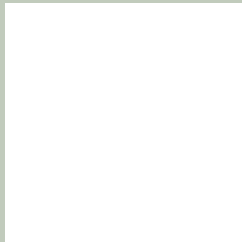
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6802, 0.3157, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 57.6802, 0.3157, 0.3474.



This preview shows how white text looks on a background with the Yxy color 57.6802, 0.3157, 0.3474.

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

57.6802, 0.3157, 0.3474

Protanopia

57.6574, 0.3287, 0.3445

Deuteranopia

57.5456, 0.3397, 0.3325



Tritanopia

57.6235, 0.2998, 0.3101

Trichromacy



Original Color

57.6802, 0.3157, 0.3474

Protanomaly

57.4530, 0.3238, 0.3447

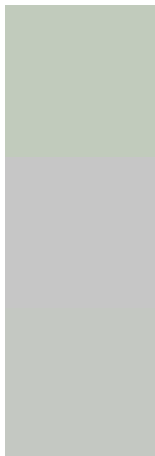
Deuteranomaly

57.6037, 0.3308, 0.3384

Tritanomaly

57.4521, 0.3061, 0.3230

Monochromacy



Original Color

57.6802, 0.3157, 0.3474

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9394, 0.3139, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6802, 0.3157, 0.3474 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(193, 203, 188)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 188)  
}
```

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(193, 203, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 188) }
```

Border

The CSS property to change the border of an element to Yxy 57.6802, 0.3157, 0.3474 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(193, 203, 188) }
```

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

```
.border{ border-color:rgb(193, 203, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 188);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6802, 0.3157, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 188) }
```

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

```
.background{ background-color: rgb(193,  
203, 188) }
```

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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