

Converting Colors

Yxy(57.7604, 0.3416, 0.3759)

Have a look what the booklet for
Yxy(57.7604, 0.3416, 0.3759)
contains.

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Color

Yxy(57.6179, 0.3416, 0.3752)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CBCAA4 |
| RGB | 203, 202, 164 |
| RGB Percent | 80%, 79%, 64% |
| CMY | 0.2038, 0.2079, 0.3568 |
| CMYK | 0.00, 0.01, 0.19, 0.20 |
| HSL | 58°, 27%, 72% |
| HSV | 58°, 19%, 80% |
| XYZ | 52.4581, 57.6179, 43.4898 |
| YIQ | 197.9670, 12.7940, -11.6060 |

Conversions

Conversions Part 2

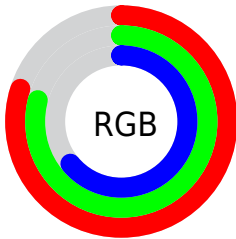
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 165, 203, 164 |
| Decimal | 13355684 |
| CIELab | 80.53, -5.92, 19.13 |
| CIELCh | 81, 20.030, 107.202 |
| Yxy | 57.6179, 0.3416, 0.3752 |
| Android (android.graphics.Color) | 4291545764 (0xFFCBCAA4) |
| YUV | 197.9670, -16.7457, 4.4139 |
| Hunter-Lab | 75.9065, -9.4770, 19.1649 |

Details

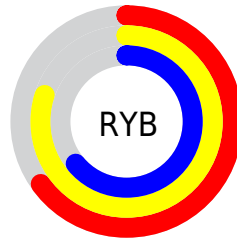
The Yxy color $57.6179, 0.3416, 0.3752$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.1419, 0.2812, 0.2782$, and the grayscale version is $56.5535, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.8945, 0.3339, 0.3641$, and $28.7392, 0.3494, 0.3875$ is the 20% darker color. If you saturate the color by 10%, you get $56.6912, 0.3569, 0.3996$, and if you desaturate by 10%, it is $58.6678, 0.3263, 0.3509$.

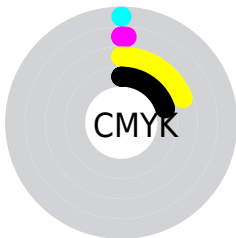
Distribution



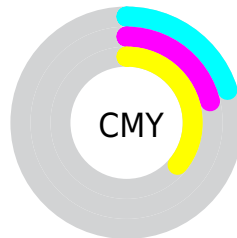
- Red (80%)
- Green (79%)
- Blue (64%)



- Red (65%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (20%)





- Cyan (20%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6179, 0.3416, 0.3752 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 57.6179, 0.3416, 0.3752 by changing the saturation by 10% instead.


 57.6179, 0.3416,
0.3752


 57.6179, 0.3416,
0.3752


415.7606, 0.3279,
0.3527

 41.5015, 0.3448,
0.3806


 101.3662, 0.3368,
0.3672

 28.7112, 0.3488,
0.3875


 129.7670, 0.3349,
0.3641

 18.8624, 0.3539,
0.3964


163.0313, 0.3333,
0.3615

 11.5709, 0.3606,
0.4085

201.5436, 0.3319,
0.3592

 6.4522, 0.3697,
0.4256

245.6883, 0.3307,
0.3573

 3.1220, 0.3825,
0.4516

295.8498, 0.3297,

 1.1957, 0.4476,

0.3556

0.5524

352.4124, 0.3287,
0.3540

0.0582, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6179, 0.3416,
0.3752

57.6179, 0.3416,
0.3752

56.6912, 0.3569,
0.3996

58.6678, 0.3263,
0.3509

55.8743, 0.3719,
0.4231

59.8382, 0.3116,
0.3272

55.1639, 0.3858,
0.4449

61.1368, 0.2976,
0.3046

54.5535, 0.3981,
0.4640

62.5679, 0.2845,
0.2835

■ 54.0356, 0.4083,
0.4795

■ 63.4384, 0.2786,
0.2742

■ 53.6021, 0.4160,
0.4909

■ 63.6969, 0.2786,
0.2748

■ 53.2432, 0.4211,
0.4979

■ 63.9563, 0.2787,
0.2754

■ 52.9421, 0.4239,
0.5013

■ 64.2166, 0.2787,
0.2760

■ 52.9192, 0.4240,
0.5015

■ 64.4778, 0.2787,
0.2766

Harmonies

Analogous

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



57.6179, 0.3594, 0.3663



57.6179, 0.3416, 0.3752



57.6179, 0.3165, 0.3709

Triad

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



57.6179, 0.3416, 0.3752



57.6179, 0.2636, 0.3064



57.6179, 0.3337, 0.3059

Complementary

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



57.6179, 0.3416, 0.3752



39.1419, 0.2812, 0.2782

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.



57.6179, 0.3072, 0.2913



57.6179, 0.3416, 0.3752



57.6179, 0.2676, 0.2908

Square

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



57.6179, 0.3416, 0.3752



57.6179, 0.2720, 0.3295



57.6179, 0.2833, 0.2856



57.6179, 0.3550, 0.3263

Rectangle

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



57.6179, 0.3416, 0.3752



57.6179, 0.2991, 0.3606



57.6179, 0.2833, 0.2856



57.6179, 0.3250, 0.3002

Sweetspot

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



57.6205, 0.3416, 0.3752



98.7939, 0.3217, 0.3433



41.9896, 0.3489, 0.3275



21.1189, 0.3226, 0.3449



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.



57.6205, 0.3416, 0.3752



95.7894, 0.3479, 0.3852



55.7014, 0.3266, 0.3787



13.0435, 0.3266, 0.3513



33.6880, 0.4240, 0.5016



1.7544, 0.4230, 0.5023

Inverse Universe

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



39.1419, 0.2812, 0.2782



59.3503, 0.2736, 0.2658



40.8464, 0.2966, 0.2791



10.8910, 0.2982, 0.3057



2.8398, 0.1505, 0.0619



0.1637, 0.1523, 0.0683

Previews

White Background



This preview shows how the Yxy color 57.6179, 0.3416, 0.3752 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 57.6179, 0.3416, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

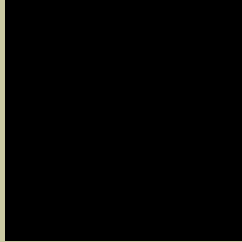
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

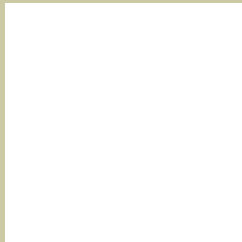
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6179, 0.3416, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 57.6179, 0.3416, 0.3752.



This preview shows how white text looks on a background with the Yxy color 57.6179, 0.3416, 0.3752.

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

57.6179, 0.3416, 0.3752

Protanopia

57.4882, 0.3506, 0.3719

Deuteranopia

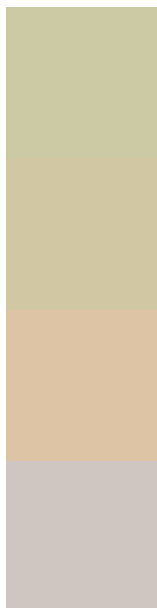
57.4414, 0.3663, 0.3586



Tritanopia

57.7383, 0.3120, 0.3117

Trichromacy



Original Color

57.6179, 0.3416, 0.3752

Protanomaly

57.5082, 0.3478, 0.3734

Deuteranomaly

57.5686, 0.3574, 0.3651

Tritanomaly

57.5486, 0.3228, 0.3338

Monochromacy



Original Color

57.6179, 0.3416, 0.3752

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6714, 0.3231, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6179, 0.3416, 0.3752 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(203, 202, 164)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 164)  
}
```

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(203, 202, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 164) }
```

Border

The CSS property to change the border of an element to Yxy 57.6179, 0.3416, 0.3752 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(203, 202, 164) }
```

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

```
.border{ border-color:rgb(203, 202, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 164);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6179, 0.3416, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 164) }
```

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

```
.background{ background-color: rgb(203,  
202, 164) }
```

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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