

Converting Colors

$Y_{xy}(57.7276, 0.3393, 0.3715)$

Have a look what the booklet for
Yxy(57.7276, 0.3393, 0.3715)
contains.

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Color

Yxy(57.7276, 0.3393, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	CBCAA7
RGB	203, 202, 167
RGB Percent	80%, 79%, 65%
CMY	0.2040, 0.2078, 0.3450
CMYK	0.00, 0.00, 0.18, 0.20
HSL	58°, 26%, 73%
HSV	58°, 18%, 80%
XYZ	52.7240, 57.7276, 44.9390
YIQ	198.3090, 11.8310, -10.6730

Conversions

Conversions Part 2

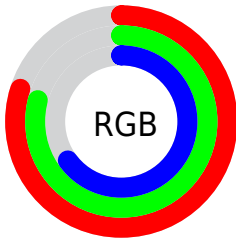
Format	Color
R _{YB}	168, 203, 167
Decimal	13355687
CIE Lab	80.59, -5.50, 17.62
CIE LCh	81, 18.459, 107.321
Yxy	57.7276, 0.3393, 0.3715
Android (android.graphics.Color)	4291545767 (0xFFCBCAA7)
YUV	198.3090, -15.4353, 4.1140
Hunter-Lab	75.9787, -9.0959, 18.1169

Details

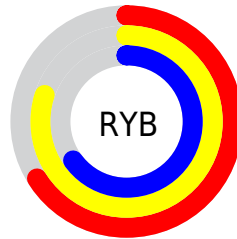
The Yxy color **57.7276, 0.3393, 0.3715** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5417, 0.2839, 0.2826**, and the grayscale version is **56.7617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **28.8072, 0.3464, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **56.7776, 0.3547, 0.3959**, and if you desaturate by 10%, it is **58.8015, 0.3241, 0.3472**.

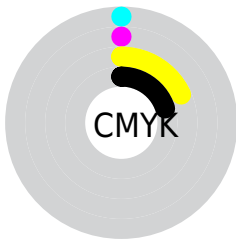
Distribution



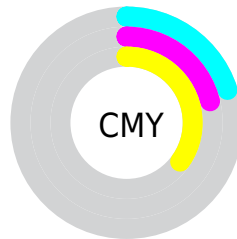
- Red (80%)
- Green (79%)
- Blue (65%)



- Red (66%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7276, 0.3393, 0.3715 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 57.7276, 0.3393, 0.3715 by changing the saturation by 10% instead.

■ 57.7276, 0.3393,
0.3715

■ 57.7276, 0.3393,
0.3715

416.1701, 0.3266,
0.3508

■ 41.5897, 0.3423,
0.3765

■ 101.5261, 0.3348,
0.3641

■ 28.7801, 0.3460,
0.3828

■ 129.9554, 0.3331,
0.3613

■ 18.9146, 0.3507,
0.3910

163.2507, 0.3317,
0.3589

■ 11.6086, 0.3570,
0.4021

201.7964, 0.3304,
0.3568

■ 6.4777, 0.3655,
0.4180

245.9767, 0.3293,
0.3550

■ 3.1377, 0.3778,
0.4421

296.1762, 0.3283,

■ 1.2040, 0.4417,

0.3534

0.5385

352.7792, 0.3274,
0.3520

0.0650, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7276, 0.3393,
0.3715

57.7276, 0.3393,
0.3715

56.7776, 0.3547,
0.3959

58.8015, 0.3241,
0.3472

55.9384, 0.3697,
0.4196

59.9967, 0.3094,
0.3237

55.2065, 0.3838,
0.4417

61.3207, 0.2955,
0.3014

54.5756, 0.3964,
0.4613

62.7779, 0.2826,
0.2805

■ 54.0384, 0.4070,
0.4774

■ 63.4706, 0.2786,
0.2743

■ 53.5869, 0.4151,
0.4894

■ 63.7357, 0.2786,
0.2749

■ 53.2116, 0.4206,
0.4971

■ 64.0018, 0.2786,
0.2755

■ 52.8988, 0.4236,
0.5008

■ 64.2688, 0.2787,
0.2762

■ 52.8308, 0.4242,
0.5014

■ 64.5368, 0.2787,
0.2768

Harmonies

Analogous

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



57.7276, 0.3557, 0.3635



57.7276, 0.3393, 0.3715



57.7276, 0.3161, 0.3674

Triad

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



57.7276, 0.3393, 0.3715



57.7276, 0.2673, 0.3082



57.7276, 0.3321, 0.3077

Complementary

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



57.7276, 0.3393, 0.3715



40.5417, 0.2839, 0.2826

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.



57.7276, 0.3078, 0.2941



57.7276, 0.3393, 0.3715



57.7276, 0.2711, 0.2937

Square

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



57.7276, 0.3393, 0.3715



57.7276, 0.2751, 0.3295



57.7276, 0.2856, 0.2889



57.7276, 0.3516, 0.3267

Rectangle

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



57.7276, 0.3393, 0.3715



57.7276, 0.3002, 0.3580



57.7276, 0.2856, 0.2889



57.7276, 0.3242, 0.3024

Sweetspot

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



57.7302, 0.3393, 0.3715



98.9840, 0.3201, 0.3409



43.1808, 0.3455, 0.3276



21.1570, 0.3212, 0.3426



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.



57.7302, 0.3393, 0.3715



96.0893, 0.3448, 0.3802



55.9627, 0.3255, 0.3746



13.0421, 0.3266, 0.3513



33.6489, 0.4241, 0.5015



1.7528, 0.4231, 0.5023

Inverse Universe

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



40.5417, 0.2839, 0.2826



62.3701, 0.2774, 0.2721



42.1286, 0.2980, 0.2832



10.8922, 0.2982, 0.3057



2.8422, 0.1506, 0.0619



0.1642, 0.1524, 0.0685

Previews

White Background



This preview shows how the Yxy color 57.7276, 0.3393, 0.3715 looks on a white background.

Color Contrast Check

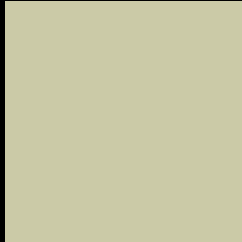
Large Text (above 18pt) WCAG AA × Fail

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 57.7276, 0.3393, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

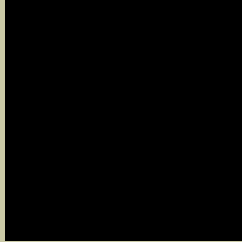
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7276, 0.3393, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 57.7276, 0.3393, 0.3715.



This preview shows how white text looks on a background with the Yxy color 57.7276, 0.3393, 0.3715.

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

57.7276, 0.3393, 0.3715

Protanopia

57.4489, 0.3474, 0.3684

Deuteranopia

57.3868, 0.3630, 0.3552



Tritanopia

57.7383, 0.3120, 0.3117

Trichromacy



Original Color

57.7276, 0.3393, 0.3715

Protanomaly

57.4716, 0.3447, 0.3699

Deuteranomaly

57.5227, 0.3542, 0.3617

Tritanomaly

57.5937, 0.3221, 0.3326

Monochromacy



Original Color

57.7276, 0.3393, 0.3715

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7141, 0.3223, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7276, 0.3393, 0.3715 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 167) }
```

Border

The CSS property to change the border of an element to Yxy 57.7276, 0.3393, 0.3715 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, 167) }
```

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

```
.border{ border-color:rgb(203, 202, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 202, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 202, 167); box-shadow:4px 4px 4px 4px rgb(203, 202, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7276, 0.3393, 0.3715 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, 167) }
```

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

```
.background{ background-color: rgb(203,  
202, 167) }
```

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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