

Converting Colors

Yxy(57.8503, 0.3251, 0.3399)

Have a look what the booklet for
Yxy(57.8503, 0.3251, 0.3399)
contains.

Yxy(57.6864, 0.3249, 0.3397)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.6864, 0.3249, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	CEC7BE
RGB	206, 199, 190
RGB Percent	81%, 78%, 75%
CMY	0.1922, 0.2196, 0.2548
CMYK	0.00, 0.03, 0.08, 0.19
HSL	34°, 14%, 78%
HSV	34°, 8%, 81%
XYZ	55.1731, 57.6864, 56.9562
YIQ	200.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

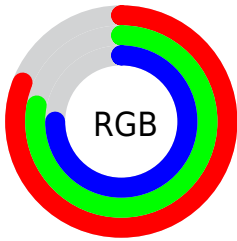
Format	Color
R _Y B	202, 206, 190
Decimal	13551550
CIE Lab	80.56, 0.87, 5.34
CIE LCh	81, 5.412, 80.766
Yxy	57.6864, 0.3249, 0.3397
Android (android.graphics.Color)	4291741630 (0xFFCEC7BE)
YUV	200.0670, -4.9630, 5.2032
Hunter-Lab	75.9516, -3.2483, 8.7044

Details

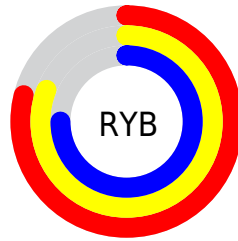
The Yxy color **57.6864, 0.3249, 0.3397** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3495, 0.3008, 0.3181**, and the grayscale version is **57.8323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **28.7323, 0.3281, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **52.8208, 0.3424, 0.3542**, and if you desaturate by 10%, it is **62.9305, 0.3094, 0.3260**.

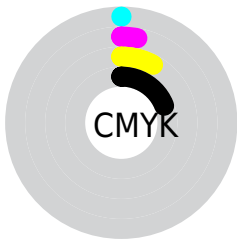
Distribution



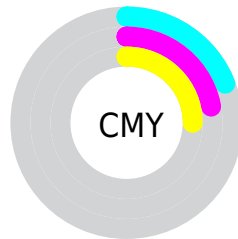
- Red (81%)
- Green (78%)
- Blue (75%)



- Red (79%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6864, 0.3249, 0.3397 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 57.6864, 0.3249, 0.3397 by changing the saturation by 10% instead.

■ 57.6864, 0.3249,
0.3397

■ 57.6864, 0.3249,
0.3397

416.0164, 0.3190,
0.3346

■ 41.5566, 0.3263,
0.3409

■ 101.4660, 0.3228,
0.3379

■ 28.7542, 0.3281,
0.3425

129.8847, 0.3220,
0.3372

■ 18.8950, 0.3304,
0.3445

163.1683, 0.3213,
0.3366

■ 11.5944, 0.3335,
0.3472

201.7015, 0.3207,
0.3361

■ 6.4682, 0.3380,
0.3511

245.8684, 0.3202,
0.3356

■ 3.1318, 0.3450,
0.3570

296.0537, 0.3198,

■ 1.2009, 0.3572,

0.3352

0.3674

352.6415, 0.3194,
0.3349

0.0625, 0.5633,
0.4367

0.0000, 0.0000,
0.0000

57.6864, 0.3249,
0.3397

57.6864, 0.3249,
0.3397

52.8208, 0.3424,
0.3542

62.9305, 0.3094,
0.3260

48.3168, 0.3620,
0.3691

68.5548, 0.2958,
0.3132

44.1666, 0.3836,
0.3842

74.5704, 0.2838,
0.3014

40.3599, 0.4070,
0.3985

79.8121, 0.2826,
0.3079

■ 36.8852, 0.4316,
0.4112

■ 85.1132, 0.2831,
0.3175

■ 33.7304, 0.4564,
0.4212

■ 90.6801, 0.2837,
0.3270

■ 30.8822, 0.4803,
0.4271

■ 91.8617, 0.2838,
0.3289

■ 28.3257, 0.5017,
0.4281

■ 26.0415, 0.5197,
0.4238

Harmonies

Analogous

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



57.6864, 0.3266, 0.3353



57.6864, 0.3249, 0.3397



57.6864, 0.3199, 0.3413

Triad

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



57.6864, 0.3249, 0.3397



57.6864, 0.3011, 0.3286



57.6864, 0.3122, 0.3188

Complementary

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



57.6864, 0.3249, 0.3397



55.3495, 0.3008, 0.3181

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.



57.6864, 0.3055, 0.3170



57.6864, 0.3249, 0.3397



57.6864, 0.2991, 0.3225

Square

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



57.6864, 0.3249, 0.3397



57.6864, 0.3062, 0.3349



57.6864, 0.3007, 0.3183



57.6864, 0.3192, 0.3233

Rectangle

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



57.6864, 0.3249, 0.3397



57.6864, 0.3155, 0.3405



57.6864, 0.3007, 0.3183



57.6864, 0.3099, 0.3178

Sweetspot

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



57.6889, 0.3249, 0.3397



98.2589, 0.3158, 0.3317



54.0011, 0.3203, 0.3205



21.0498, 0.3156, 0.3316



0.0000, 0.0000, 0.0000



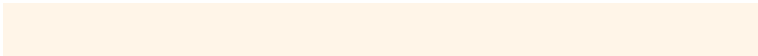
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6889, 0.3249, 0.3397



92.3624, 0.3272, 0.3416



60.8688, 0.3235, 0.3479



12.2421, 0.3276, 0.3420



15.9355, 0.5216, 0.4240



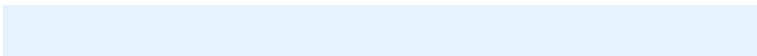
0.9716, 0.4964, 0.4441

Inverse Universe

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



55.3495, 0.3008, 0.3181



87.9491, 0.2987, 0.3160



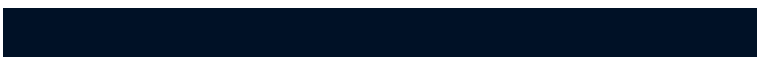
52.3483, 0.3015, 0.3095



11.6390, 0.2983, 0.3156



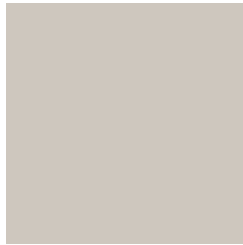
7.4564, 0.1720, 0.1392



0.5348, 0.1826, 0.1774

Previews

White Background



This preview shows how the Yxy color 57.6864, 0.3249, 0.3397 looks on a white background.

Color Contrast Check

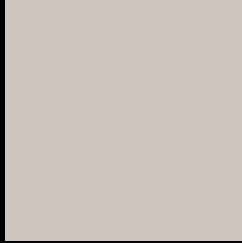
Large Text (above 18pt) WCAG AA × Fail

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 57.6864, 0.3249, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

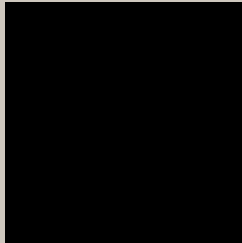
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

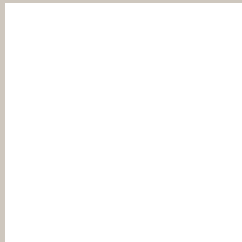
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6864, 0.3249, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 57.6864, 0.3249, 0.3397.

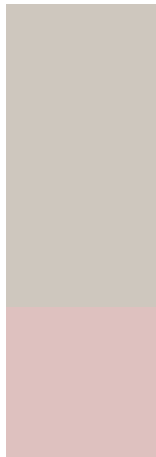


This preview shows how white text looks on a background with the Yxy color 57.6864, 0.3249, 0.3397.

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

57.6864, 0.3249, 0.3397

Protanopia

57.6864, 0.3249, 0.3397

Deuteranopia

57.4311, 0.3381, 0.3314



Tritanopia

57.7383, 0.3120, 0.3117

Trichromacy



Original Color

57.6864, 0.3249, 0.3397

Protanomaly

57.6864, 0.3249, 0.3397

Deuteranomaly

57.3907, 0.3328, 0.3337

Tritanomaly

57.6542, 0.3170, 0.3220

Monochromacy



Original Color

57.6864, 0.3249, 0.3397

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8506, 0.3172, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6864, 0.3249, 0.3397 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(206, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 190)  
}
```

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(206, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 190) }
```

Border

The CSS property to change the border of an element to Yxy 57.6864, 0.3249, 0.3397 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(206, 199, 190) }
```

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

```
.border{ border-color:rgb(206, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 199,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6864, 0.3249, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 190) }
```

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

```
.background{ background-color: rgb(206,  
199, 190) }
```

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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