

Converting Colors

Yxy(60.6581, 0.3293, 0.3545)

Have a look what the booklet for
Yxy(60.6581, 0.3293, 0.3545)
contains.

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Color

Yxy(60.8687, 0.3293, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	CFCEB8
RGB	207, 206, 184
RGB Percent	81%, 81%, 72%
CMY	0.1881, 0.1922, 0.2784
CMYK	0.00, 0.00, 0.11, 0.19
HSL	57°, 19%, 77%
HSV	57°, 11%, 81%
XYZ	56.4621, 60.8687, 54.1303
YIQ	203.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

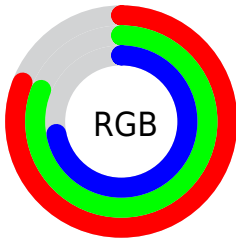
Format	Color
RYB	185, 207, 184
Decimal	13618872
CIELab	82.31, -3.43, 11.06
CIELCh	82, 11.578, 107.209
Yxy	60.8687, 0.3293, 0.3550
Android (android.graphics.Color)	4291808952 (0xFFCFCEB8)
YUV	203.7910, -9.7570, 2.8143
Hunter-Lab	78.0184, -7.3512, 13.4766

Details

The Yxy color **60.8687, 0.3293, 0.3550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4185, 0.2954, 0.3016**, and the grayscale version is **60.3082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **30.8675, 0.3338, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **59.6199, 0.3447, 0.3790**, and if you desaturate by 10%, it is **62.2525, 0.3143, 0.3316**.

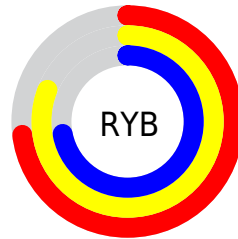
Distribution



Red (81%)

Green (81%)

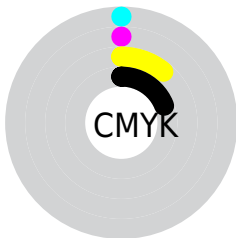
Blue (72%)



Red (73%)

Yellow (81%)

Blue (72%)

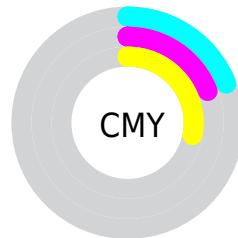


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (19%)



Cyan (19%)


Magenta (19%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8687, 0.3293, 0.3550 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 60.8687, 0.3293, 0.3550 by changing the saturation by 10% instead.


 60.8687, 0.3293,
0.3550

 60.8687, 0.3293,
0.3550


427.7924, 0.3214,
0.3425

 44.1192, 0.3312,
0.3580

 106.0888, 0.3265,
0.3506

 30.7642, 0.3335,
0.3617


135.3282, 0.3255,
0.3489

 20.4194, 0.3364,
0.3666


169.4997, 0.3245,
0.3474

 12.7003, 0.3404,
0.3732

208.9877, 0.3238,
0.3462

 7.2225, 0.3459,
0.3825

254.1766, 0.3231,
0.3451

 3.6016, 0.3541,
0.3967

305.4507, 0.3225,

 1.4533, 0.3695,

0.3441

0.4235

363.1945, 0.3219,
0.3433

0.2555, 0.3839,
0.6161

0.0000, 0.0000,
0.0000

60.8687, 0.3293,
0.3550

60.8687, 0.3293,
0.3550

59.6199, 0.3447,
0.3790

62.2525, 0.3143,
0.3316

58.4927, 0.3603,
0.4030

63.7685, 0.3001,
0.3092

57.4838, 0.3754,
0.4260

65.4243, 0.2869,
0.2881

56.5868, 0.3894,
0.4471

66.4388, 0.2816,
0.2802

■ 55.7947, 0.4018,
0.4654

■ 66.8977, 0.2816,
0.2812

■ 55.0997, 0.4121,
0.4800

■ 67.3592, 0.2817,
0.2823

■ 54.4928, 0.4198,
0.4904

■ 67.8234, 0.2817,
0.2833

■ 53.9634, 0.4248,
0.4964

■ 68.2903, 0.2818,
0.2843

■ 53.5409, 0.4274,
0.4988

■ 68.7598, 0.2819,
0.2853

Harmonies

Analogous

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



60.8687, 0.3392, 0.3505



60.8687, 0.3293, 0.3550



60.8687, 0.3151, 0.3523

Triad

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



60.8687, 0.3293, 0.3550



60.8687, 0.2844, 0.3165



60.8687, 0.3247, 0.3157

Complementary

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



60.8687, 0.3293, 0.3550



49.4185, 0.2954, 0.3016

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.



60.8687, 0.3098, 0.3071



60.8687, 0.3293, 0.3550



60.8687, 0.2868, 0.3073

Square

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



60.8687, 0.3293, 0.3550



60.8687, 0.2894, 0.3296



60.8687, 0.2960, 0.3040



60.8687, 0.3366, 0.3278

Rectangle

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



60.8687, 0.3293, 0.3550



60.8687, 0.3052, 0.3466



60.8687, 0.2960, 0.3040



60.8687, 0.3199, 0.3123

Sweetspot

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



60.8714, 0.3293, 0.3550



99.2984, 0.3172, 0.3360



51.0684, 0.3315, 0.3277



21.2145, 0.3184, 0.3379



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.



60.8714, 0.3293, 0.3550



97.1012, 0.3324, 0.3599



59.9267, 0.3211, 0.3569



13.7029, 0.3267, 0.3510



33.7616, 0.4273, 0.4989



1.9164, 0.4257, 0.5002

Inverse Universe

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



49.4185, 0.2954, 0.3016



75.6812, 0.2919, 0.2961



50.3142, 0.3036, 0.3010



11.5014, 0.2982, 0.3061



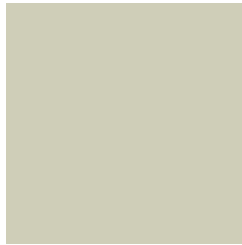
3.0022, 0.1509, 0.0631



0.1984, 0.1537, 0.0732

Previews

White Background



This preview shows how the Yxy color 60.8687, 0.3293, 0.3550 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 60.8687, 0.3293, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

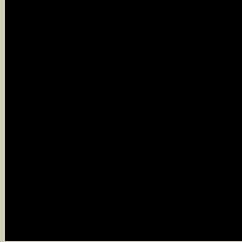
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

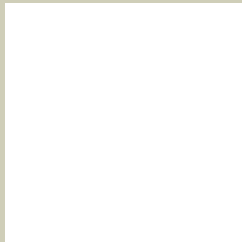
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8687, 0.3293, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 60.8687, 0.3293, 0.3550.



This preview shows how white text looks on a background with the Yxy color 60.8687, 0.3293, 0.3550.

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

60.8687, 0.3293, 0.3550

Protanopia

60.7508, 0.3351, 0.3536

Deuteranopia

60.4666, 0.3488, 0.3414



Tritanopia

60.7801, 0.3097, 0.3109

Trichromacy



Original Color

60.8687, 0.3293, 0.3550

Protanomaly

60.9304, 0.3334, 0.3548

Deuteranomaly

60.3409, 0.3416, 0.3462

Tritanomaly

60.8213, 0.3167, 0.3267

Monochromacy



Original Color

60.8687, 0.3293, 0.3550

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6730, 0.3184, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8687, 0.3293, 0.3550 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(207, 206, 184)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 184)  
}
```

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(207, 206, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 184) }
```

Border

The CSS property to change the border of an element to Yxy 60.8687, 0.3293, 0.3550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

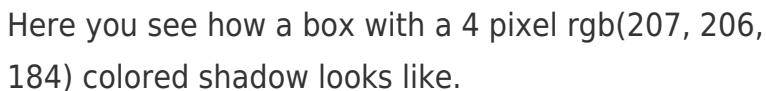
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 206, 184) }
```

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

```
.border{ border-color:rgb(207, 206, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 206, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 206, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 206, 184); box-shadow:4px 4px 4px 4px rgb(207, 206, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8687, 0.3293, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 184) }
```

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

```
.background{ background-color: rgb(207,  
206, 184) }
```

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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