

Converting Colors

Yxy(60.5514, 0.3393, 0.3716)

Have a look what the booklet for
Yxy(60.5514, 0.3393, 0.3716)
contains.

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Color

Yxy(60.3483, 0.3388, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	CFCEAB
RGB	207, 206, 171
RGB Percent	81%, 81%, 67%
CMY	0.1885, 0.1921, 0.3295
CMYK	0.00, 0.00, 0.17, 0.19
HSL	58°, 27%, 74%
HSV	58°, 17%, 81%
XYZ	55.1402, 60.3483, 47.2631
YIQ	202.3090, 11.8310, -10.6730

Conversions

Conversions Part 2

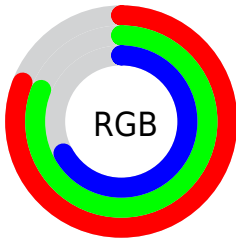
Format	Color
RYB	172, 207, 171
Decimal	13618859
CIELab	82.03, -5.52, 17.58
CIELCh	82, 18.427, 107.433
Yxy	60.3483, 0.3388, 0.3708
Android (android.graphics.Color)	4291808939 (0xFFCFCEAB)
YUV	202.3090, -15.4353, 4.1140
Hunter-Lab	77.6842, -9.2479, 18.3069

Details

The Yxy color **60.3483, 0.3388, 0.3708** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.6261, 0.2845, 0.2835**, and the grayscale version is **59.3543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **30.4638, 0.3445, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **59.3697, 0.3542, 0.3953**, and if you desaturate by 10%, it is **61.4567, 0.3236, 0.3465**.

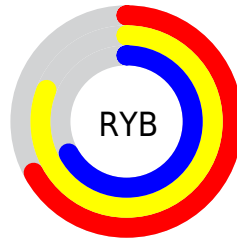
Distribution



Red (81%)

Green (81%)

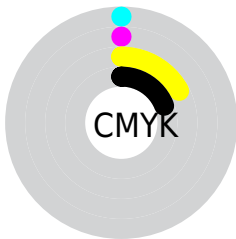
Blue (67%)



Red (67%)

Yellow (81%)

Blue (67%)

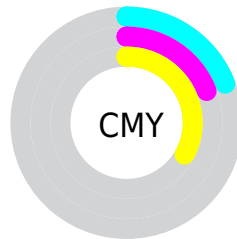


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3483, 0.3388, 0.3708 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 60.3483, 0.3388, 0.3708 by changing the saturation by 10% instead.

■ 60.3483, 0.3388,
0.3708

■ 60.3483, 0.3388,
0.3708

425.8804, 0.3265,
0.3506

■ 43.6994, 0.3417,
0.3756

■ 105.3348, 0.3345,
0.3636

■ 30.4343, 0.3452,
0.3817

134.4411, 0.3328,
0.3609

■ 20.1685, 0.3498,
0.3896

168.4688, 0.3314,
0.3585

■ 12.5176, 0.3557,
0.4002

207.8022, 0.3301,
0.3565

■ 7.0972, 0.3639,
0.4152

252.8256, 0.3290,
0.3547

■ 3.5230, 0.3754,
0.4377

303.9235, 0.3281,

■ 1.4105, 0.4167,

0.3532

0.5044

361.4803, 0.3272,
0.3518

0.2244, 0.2592,
0.7408

0.0000, 0.0000,
0.0000

60.3483, 0.3388,
0.3708

60.3483, 0.3388,
0.3708

59.3697, 0.3542,
0.3953

61.4567, 0.3236,
0.3465

58.5070, 0.3692,
0.4191

62.6921, 0.3089,
0.3229

57.7569, 0.3833,
0.4413

64.0624, 0.2951,
0.3006

57.1124, 0.3960,
0.4610

65.5722, 0.2822,
0.2797

■ 56.5662, 0.4066,
0.4772

■ 65.9088, 0.2814,
0.2790

■ 56.1098, 0.4147,
0.4894

■ 66.1669, 0.2815,
0.2796

■ 55.7332, 0.4202,
0.4972

■ 66.4258, 0.2815,
0.2802

■ 55.4229, 0.4232,
0.5010

■ 66.6856, 0.2815,
0.2808

■ 55.3463, 0.4238,
0.5017

■ 66.9463, 0.2816,
0.2814

Harmonies

Analogous

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



60.3483, 0.3550, 0.3630



60.3483, 0.3388, 0.3708



60.3483, 0.3160, 0.3667

Triad

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



60.3483, 0.3388, 0.3708



60.3483, 0.2680, 0.3085



60.3483, 0.3319, 0.3081

Complementary

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



60.3483, 0.3388, 0.3708



42.6261, 0.2845, 0.2835

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.



60.3483, 0.3080, 0.2947



60.3483, 0.3388, 0.3708



60.3483, 0.2718, 0.2943

Square

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



60.3483, 0.3388, 0.3708



60.3483, 0.2756, 0.3294



60.3483, 0.2862, 0.2896



60.3483, 0.3511, 0.3268

Rectangle

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



60.3483, 0.3388, 0.3708



60.3483, 0.3003, 0.3574



60.3483, 0.2862, 0.2896



60.3483, 0.3241, 0.3029

Sweetspot

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



60.3510, 0.3388, 0.3708



98.9992, 0.3201, 0.3409



45.3633, 0.3448, 0.3276



21.1607, 0.3212, 0.3426



0.0000, 0.0000, 0.0000



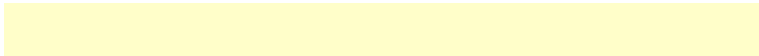
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3510, 0.3388, 0.3708



96.1525, 0.3448, 0.3803



58.5038, 0.3253, 0.3737



13.7439, 0.3267, 0.3514



34.9161, 0.4238, 0.5017



1.9689, 0.4229, 0.5024

Inverse Universe

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



42.6261, 0.2845, 0.2835



62.3229, 0.2774, 0.2719



44.2846, 0.2983, 0.2841



11.4651, 0.2982, 0.3056



2.9312, 0.1505, 0.0618



0.1812, 0.1521, 0.0676

Previews

White Background



This preview shows how the Yxy color 60.3483, 0.3388, 0.3708 looks on a white background.

Color Contrast Check

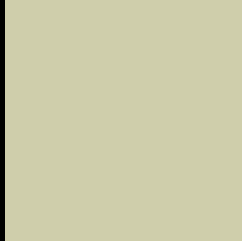
Large Text (above 18pt) WCAG AA × Fail

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 60.3483, 0.3388, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

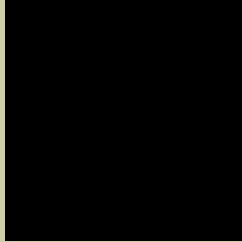
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

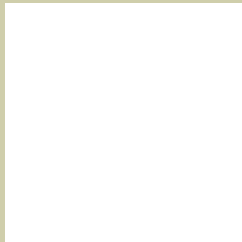
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3483, 0.3388, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 60.3483, 0.3388, 0.3708.



This preview shows how white text looks on a background with the Yxy color 60.3483, 0.3388, 0.3708.

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

60.3483, 0.3388, 0.3708

Protanopia

60.0612, 0.3467, 0.3677

Deuteranopia

60.1592, 0.3629, 0.3547



Tritanopia

60.4126, 0.3113, 0.3109

Trichromacy



Original Color

60.3483, 0.3388, 0.3708

Protanomaly

60.0851, 0.3441, 0.3692

Deuteranomaly

60.2947, 0.3542, 0.3611

Tritanomaly

60.2601, 0.3212, 0.3313

Monochromacy



Original Color

60.3483, 0.3388, 0.3708

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3108, 0.3222, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3483, 0.3388, 0.3708 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 171) }
```

Border

The CSS property to change the border of an element to Yxy 60.3483, 0.3388, 0.3708 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, 171) }
```

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

```
.border{ border-color:rgb(207, 206, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 171);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3483, 0.3388, 0.3708 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, 171) }
```

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

```
.background{ background-color: rgb(207,  
206, 171) }
```

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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