

Converting Colors

$Yxy(58.7771, 0.3399, 0.3367)$

Have a look what the booklet for
Yxy(58.7771, 0.3399, 0.3367)
contains.

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Color

Yxy(58.8420, 0.3400, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	DFC4BD
RGB	223, 196, 189
RGB Percent	87%, 77%, 74%
CMY	0.1256, 0.2313, 0.2589
CMYK	0.00, 0.12, 0.15, 0.13
HSL	12°, 35%, 81%
HSV	12°, 15%, 87%
XYZ	59.3482, 58.8420, 56.3633
YIQ	203.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

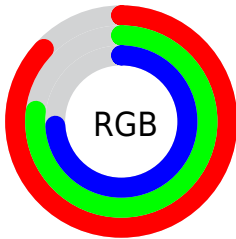
Format	Color
RYB	223, 198, 189
Decimal	14664893
CIELab	81.20, 8.37, 7.01
CIElCh	81, 10.919, 39.926
Yxy	58.8420, 0.3400, 0.3371
Android (android.graphics.Color)	4292854973 (0xFFDFC4BD)
YUV	203.2750, -7.0376, 17.2988
Hunter-Lab	76.7085, 3.8627, 10.1313

Details

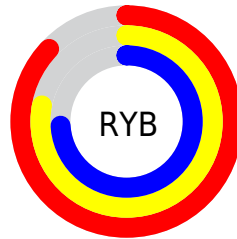
The Yxy color $58.8420, 0.3400, 0.3371$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $65.2217, 0.2894, 0.3208$, and the grayscale version is $59.9383, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1031, 0.3186, 0.3367$, and $29.4484, 0.3475, 0.3381$ is the 20% darker color. If you saturate the color by 10%, you get $50.4364, 0.3627, 0.3428$, and if you desaturate by 10%, it is $68.3419, 0.3212, 0.3317$.

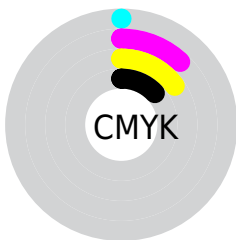
Distribution



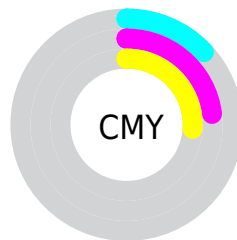
- Red (87%)
- Green (77%)
- Blue (74%)



- Red (87%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8420, 0.3400, 0.3371 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 58.8420, 0.3400, 0.3371 by changing the saturation by 10% instead.


 58.8420, 0.3400,
0.3371

 58.8420, 0.3400,
0.3371

420.3161, 0.3268,
0.3334

 42.4859, 0.3432,
0.3380


 103.1480, 0.3353,
0.3358

 29.4820, 0.3472,
0.3390


131.8667, 0.3335,
0.3353

 19.4457, 0.3523,
0.3403

165.4751, 0.3320,
0.3349

 11.9928, 0.3594,
0.3421

204.3576, 0.3307,
0.3345

 6.7388, 0.3694,
0.3444

248.8985, 0.3295,
0.3341

 3.2993, 0.3849,
0.3476

299.4824, 0.3285,

 1.2899, 0.4122,

0.3339

0.3526

356.4934, 0.3276,
0.3336

0.1334, 0.7129,
0.2871

0.0000, 0.0000,
0.0000

58.8420, 0.3400,
0.3371

58.8420, 0.3400,
0.3371

50.4364, 0.3627,
0.3428

68.3419, 0.3212,
0.3317

43.0778, 0.3898,
0.3486

78.9654, 0.3057,
0.3267

36.7272, 0.4219,
0.3541

90.6942, 0.2933,
0.3229

31.3402, 0.4588,
0.3587

94.4233, 0.2934,
0.3289

■ 26.8688, 0.4992,
0.3616

■ 23.2609, 0.5405,
0.3616

■ 20.4589, 0.5782,
0.3581

■ 18.3975, 0.6073,
0.3511

■ 17.6491, 0.6181,
0.3474

Harmonies

Analogous

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



58.8420, 0.3332, 0.3249



58.8420, 0.3400, 0.3371



58.8420, 0.3393, 0.3476

Triad

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



58.8420, 0.3400, 0.3371



58.8420, 0.3043, 0.3449



58.8420, 0.2941, 0.3053

Complementary

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



58.8420, 0.3400, 0.3371



65.2217, 0.2894, 0.3208

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.



58.8420, 0.2868, 0.3099



58.8420, 0.3400, 0.3371



58.8420, 0.2926, 0.3328

Square

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



58.8420, 0.3400, 0.3371



58.8420, 0.3185, 0.3525



58.8420, 0.2862, 0.3199



58.8420, 0.3065, 0.3068

Rectangle

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



58.8420, 0.3400, 0.3371



58.8420, 0.3347, 0.3521



58.8420, 0.2862, 0.3199



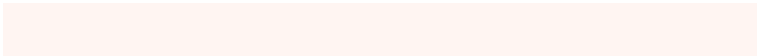
58.8420, 0.2910, 0.3062

Sweetspot

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



58.8446, 0.3400, 0.3371



92.9235, 0.3209, 0.3316



57.0381, 0.3196, 0.2987



19.6833, 0.3221, 0.3320



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.



58.8446, 0.3400, 0.3371



76.3232, 0.3461, 0.3387



66.8318, 0.3372, 0.3557



14.1578, 0.3287, 0.3339



10.5115, 0.6158, 0.3492



0.8571, 0.5864, 0.3726

Inverse Universe

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



65.2217, 0.2894, 0.3208



86.3974, 0.2850, 0.3191



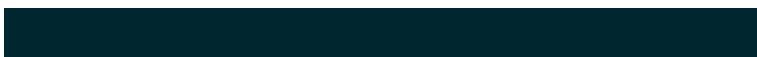
57.0722, 0.2886, 0.3008



15.0653, 0.2982, 0.3240



21.7522, 0.2059, 0.2613



1.6305, 0.2092, 0.2729

Previews

White Background



This preview shows how the Yxy color 58.8420, 0.3400, 0.3371 looks on a white background.

Color Contrast Check

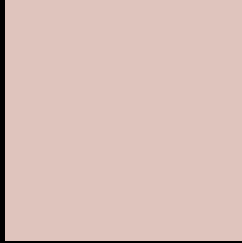
Large Text (above 18pt) WCAG AA × Fail

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 58.8420, 0.3400, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

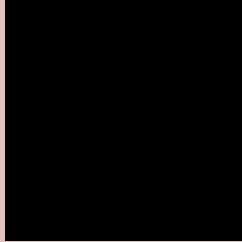
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8420, 0.3400, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 58.8420, 0.3400, 0.3371.

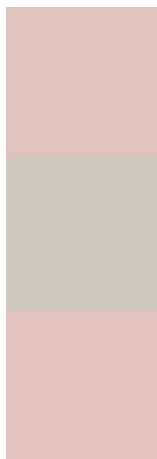


This preview shows how white text looks on a background with the Yxy color 58.8420, 0.3400, 0.3371.

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

58.8420, 0.3400, 0.3371

Protanopia

58.9890, 0.3248, 0.3396

Deuteranopia

58.8731, 0.3427, 0.3359



Tritanopia

58.7015, 0.3272, 0.3123

Trichromacy



Original Color

58.8420, 0.3400, 0.3371

Protanomaly

58.7546, 0.3298, 0.3384

Deuteranomaly

58.7119, 0.3418, 0.3359

Tritanomaly

58.6479, 0.3317, 0.3212

Monochromacy



Original Color

58.8420, 0.3400, 0.3371

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0874, 0.3220, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8420, 0.3400, 0.3371 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(223, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 189)  
}
```

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(223, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 189) }
```

Border

The CSS property to change the border of an element to Yxy 58.8420, 0.3400, 0.3371 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(223, 196, 189) }
```

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

```
.border{ border-color:rgb(223, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8420, 0.3400, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 189) }
```

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

```
.background{ background-color: rgb(223,  
196, 189) }
```

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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