

Converting Colors

Yxy(51.0479, 0.3382, 0.3489)

Have a look what the booklet for
Yxy(51.0479, 0.3382, 0.3489)
contains.

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Color

Yxy(51.0375, 0.3382, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	CABBAB
RGB	202, 187, 171
RGB Percent	79%, 73%, 67%
CMY	0.2080, 0.2666, 0.3294
CMYK	0.00, 0.07, 0.15, 0.21
HSL	31°, 23%, 73%
HSV	31°, 15%, 79%
XYZ	49.4723, 51.0375, 45.7714
YIQ	189.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

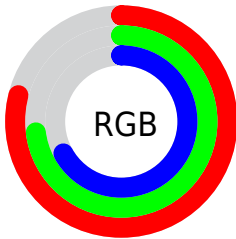
Format	Color
RYB	200, 202, 171
Decimal	13286315
CIELab	76.70, 2.63, 10.01
CIELCh	77, 10.348, 75.299
Yxy	51.0375, 0.3382, 0.3489
Android (android.graphics.Color)	4291476395 (0xFFCABBAB)
YUV	189.6610, -9.1999, 10.8213
Hunter-Lab	71.4405, -1.4104, 12.0217

Details

The Yxy color $51.0375, 0.3382, 0.3489$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.0210, 0.2889, 0.3083$, and the grayscale version is $51.3346, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8522, 0.3312, 0.3457$, and $24.6780, 0.3453, 0.3541$ is the 20% darker color. If you saturate the color by 10%, you get $46.3279, 0.3577, 0.3626$, and if you desaturate by 10%, it is $56.1504, 0.3210, 0.3357$.

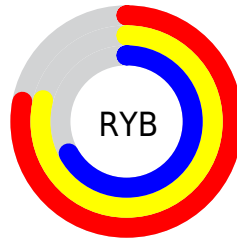
Distribution



Red (79%)

Green (73%)

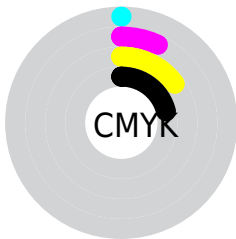
Blue (67%)



Red (78%)

Yellow (79%)

Blue (67%)

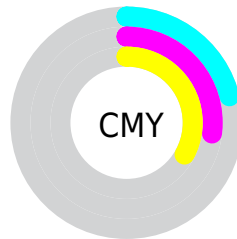


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (21%)



Cyan (21%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0375, 0.3382, 0.3489 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 51.0375, 0.3382, 0.3489 by changing the saturation by 10% instead.


 51.0375, 0.3382,
0.3489

 51.0375, 0.3382,
0.3489


390.7095, 0.3256,
0.3392

 36.2385, 0.3413,
0.3513


 91.7102, 0.3337,
0.3454

 24.6184, 0.3452,
0.3543


118.3526, 0.3319,
0.3441

 15.7930, 0.3504,
0.3582


149.7117, 0.3305,
0.3430

 9.3778, 0.3576,
0.3635

186.1717, 0.3292,
0.3420

 4.9884, 0.3681,
0.3712

228.1171, 0.3282,
0.3412

 2.2405, 0.3848,
0.3831

275.9322, 0.3272,

 0.7419, 0.4751,

0.3404

0.4582

330.0016, 0.3264,
0.3398

0.0000, 0.0000,
0.0000

51.0375, 0.3382,
0.3489

51.0375, 0.3382,
0.3489

46.3279, 0.3577,
0.3626

56.1504, 0.3210,
0.3357

42.0041, 0.3795,
0.3766

61.6703, 0.3059,
0.3233

38.0567, 0.4035,
0.3901

67.6093, 0.2928,
0.3118

34.4738, 0.4293,
0.4022

73.9770, 0.2813,
0.3012

31.2422, 0.4560,
0.4120

79.6397, 0.2802,
0.3085

■ 28.3479, 0.4824,
0.4181

■ 85.4040, 0.2809,
0.3190

■ 25.7754, 0.5068,
0.4194

■ 91.2926, 0.2816,
0.3289

■ 23.5068, 0.5276,
0.4153

■ 22.5404, 0.5366,
0.4122

Harmonies

Analogous

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



51.0375, 0.3403, 0.3391



51.0375, 0.3382, 0.3489



51.0375, 0.3292, 0.3536

Triad

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



51.0375, 0.3382, 0.3489



51.0375, 0.2911, 0.3304



51.0375, 0.3091, 0.3078

Complementary

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



51.0375, 0.3382, 0.3489



48.0210, 0.2889, 0.3083

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.



51.0375, 0.2961, 0.3053



51.0375, 0.3382, 0.3489



51.0375, 0.2859, 0.3179

Square

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



51.0375, 0.3382, 0.3489



51.0375, 0.3020, 0.3428



51.0375, 0.2878, 0.3088



51.0375, 0.3232, 0.3157

Rectangle

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



51.0375, 0.3382, 0.3489



51.0375, 0.3206, 0.3529



51.0375, 0.2878, 0.3088



51.0375, 0.3044, 0.3063

Sweetspot

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



51.0398, 0.3382, 0.3489



95.3399, 0.3206, 0.3354



45.2226, 0.3280, 0.3105



20.2695, 0.3217, 0.3363



0.0000, 0.0000, 0.0000



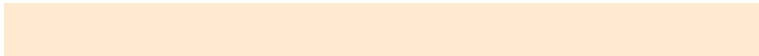
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0398, 0.3382, 0.3489



84.0517, 0.3436, 0.3529



57.6489, 0.3351, 0.3667



12.1571, 0.3277, 0.3410



14.6882, 0.5346, 0.4137



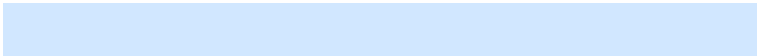
0.9093, 0.5061, 0.4363

Inverse Universe

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



48.0210, 0.2889, 0.3083



78.0913, 0.2842, 0.3039



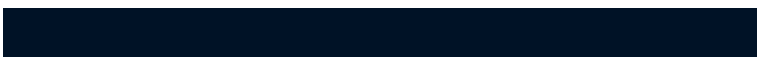
42.1050, 0.2885, 0.2884



11.7232, 0.2983, 0.3167



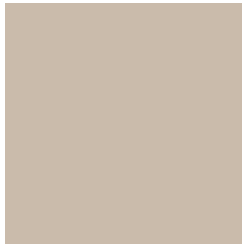
8.4883, 0.1760, 0.1535



0.5896, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 51.0375, 0.3382, 0.3489 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 51.0375, 0.3382, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

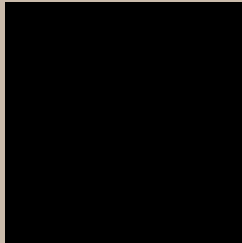
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

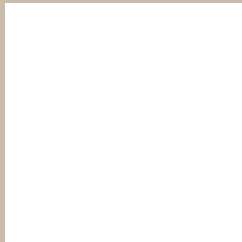
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0375, 0.3382, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 51.0375, 0.3382, 0.3489.



This preview shows how white text looks on a background with the Yxy color 51.0375, 0.3382, 0.3489.

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

51.0375, 0.3382, 0.3489

Protanopia

51.2441, 0.3327, 0.3503

Deuteranopia

51.1417, 0.3488, 0.3423



Tritanopia

50.8773, 0.3203, 0.3122

Trichromacy



Original Color

51.0375, 0.3382, 0.3489

Protanomaly

51.0871, 0.3346, 0.3490

Deuteranomaly

50.9612, 0.3450, 0.3436

Tritanomaly

50.7492, 0.3265, 0.3242

Monochromacy



Original Color

51.0375, 0.3382, 0.3489

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.2834, 0.3215, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0375, 0.3382, 0.3489 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(202, 187, 171)` looks like.

```
.text, #text, p{  
    color:rgb(202, 187, 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(202, 187, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 187, 171) }
```

Border

The CSS property to change the border of an element to Yxy 51.0375, 0.3382, 0.3489 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(202, 187, 171) }
```

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

```
.border{ border-color:rgb(202, 187, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 187, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 187, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 187, 171);  
box-shadow:4px 4px 4px 4px rgb(202, 187,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0375, 0.3382, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 187, 171) }
```

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

```
.background{ background-color: rgb(202,  
187, 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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