

Converting Colors

Yxy(52.2819, 0.3437, 0.3452)

Have a look what the booklet for
Yxy(52.2819, 0.3437, 0.3452)
contains.

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Color

Yxy(52.4067, 0.3444, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	D3BBAD
RGB	211, 187, 173
RGB Percent	83%, 73%, 68%
CMY	0.1728, 0.2666, 0.3216
CMYK	0.00, 0.11, 0.18, 0.17
HSL	22°, 30%, 75%
HSV	22°, 18%, 83%
XYZ	52.1644, 52.4067, 46.8934
YIQ	192.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

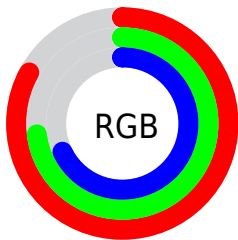
Format	Color
R_{YB}	211, 195, 173
Decimal	13876141
CIE Lab	77.52, 6.25, 10.21
CIE LCh	78, 11.973, 58.526
Yxy	52.4067, 0.3444, 0.3460
Android (android.graphics.Color)	4292066221 (0xFFD3BBAD)
YUV	192.5800, -9.6529, 16.1543
Hunter-Lab	72.3925, 1.9362, 12.2687

Details

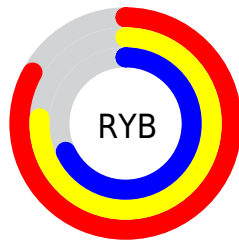
The Yxy color $52.4067, 0.3444, 0.3460$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.4731, 0.2849, 0.3114$, and the grayscale version is $53.1161, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.9626, 0.3299, 0.3438$, and $25.4986, 0.3526, 0.3501$ is the 20% darker color. If you saturate the color by 10%, you get $46.2734, 0.3662, 0.3561$, and if you desaturate by 10%, it is $59.1958, 0.3257, 0.3363$.

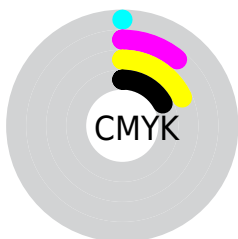
Distribution



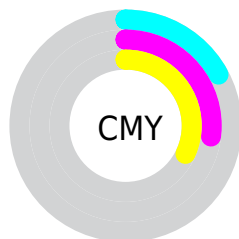
- Red (83%)
- Green (73%)
- Blue (68%)



- Red (83%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (17%)




- Cyan (17%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4067, 0.3444, 0.3460 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 52.4067, 0.3444, 0.3460 by changing the saturation by 10% instead.


 52.4067, 0.3444,
0.3460

 52.4067, 0.3444,
0.3460


396.0047, 0.3288,
0.3378

 37.3294, 0.3482,
0.3479


 93.7308, 0.3388,
0.3431

 25.4626, 0.3531,
0.3504


120.7463, 0.3366,
0.3420

 16.4220, 0.3595,
0.3535


152.5099, 0.3348,
0.3411

 9.8233, 0.3684,
0.3577

189.4062, 0.3333,
0.3402

 5.2820, 0.3812,
0.3635

231.8194, 0.3319,
0.3395

 2.4136, 0.4017,
0.3722

280.1339, 0.3308,

 0.8329, 0.4804,

0.3389

0.4219

334.7342, 0.3297,
0.3383

0.0000, 0.0000,
0.0000

52.4067, 0.3444,
0.3460

52.4067, 0.3444,
0.3460

46.2734, 0.3662,
0.3561

59.1958, 0.3257,
0.3363

40.7687, 0.3915,
0.3662

66.6527, 0.3097,
0.3272

35.8736, 0.4201,
0.3758

74.7982, 0.2961,
0.3188

31.5658, 0.4518,
0.3840

83.4968, 0.2858,
0.3135

27.8210, 0.4853,
0.3896

91.6207, 0.2865,
0.3274

■ 24.6132, 0.5188,
0.3913

■ 92.5809, 0.2866,
0.3289

■ 21.9138, 0.5494,
0.3880

■ 19.6882, 0.5748,
0.3799

■ 19.2925, 0.5795,
0.3780

Harmonies

Analogous

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



52.4067, 0.3418, 0.3329



52.4067, 0.3444, 0.3460



52.4067, 0.3382, 0.3550

Triad

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



52.4067, 0.3444, 0.3460



52.4067, 0.2942, 0.3389



52.4067, 0.2998, 0.3023

Complementary

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



52.4067, 0.3444, 0.3460



53.4731, 0.2849, 0.3114

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.



52.4067, 0.2875, 0.3032



52.4067, 0.3444, 0.3460



52.4067, 0.2844, 0.3240

Square

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



52.4067, 0.3444, 0.3460



52.4067, 0.3091, 0.3512



52.4067, 0.2820, 0.3109



52.4067, 0.3157, 0.3082

Rectangle

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



52.4067, 0.3444, 0.3460



52.4067, 0.3301, 0.3573



52.4067, 0.2820, 0.3109



52.4067, 0.2951, 0.3018

Sweetspot

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



52.4091, 0.3444, 0.3460



94.1864, 0.3207, 0.3336



47.7551, 0.3263, 0.3004



19.9894, 0.3219, 0.3342



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.



52.4091, 0.3444, 0.3460



76.3811, 0.3533, 0.3503



60.9447, 0.3406, 0.3678



12.5142, 0.3281, 0.3377



11.8299, 0.5768, 0.3802



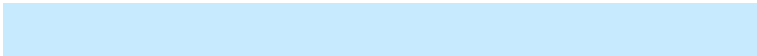
0.8115, 0.5420, 0.4078

Inverse Universe

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



53.4731, 0.2849, 0.3114



78.3372, 0.2783, 0.3067



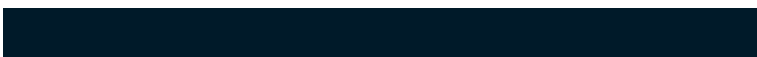
45.4426, 0.2836, 0.2870



12.6414, 0.2983, 0.3202



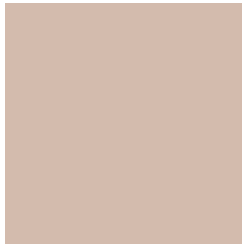
13.1574, 0.1900, 0.2040



0.8847, 0.1971, 0.2295

Previews

White Background



This preview shows how the Yxy color 52.4067, 0.3444, 0.3460 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 52.4067, 0.3444, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

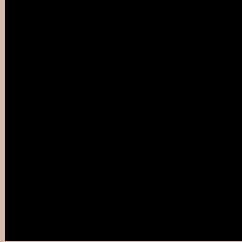
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4067, 0.3444, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 52.4067, 0.3444, 0.3460.



This preview shows how white text looks on a background with the Yxy color 52.4067, 0.3444, 0.3460.

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

52.4067, 0.3444, 0.3460

Protanopia

52.4989, 0.3318, 0.3489

Deuteranopia

52.4668, 0.3501, 0.3433



Tritanopia

52.2403, 0.3271, 0.3115

Trichromacy



Original Color

52.4067, 0.3444, 0.3460

Protanomaly

52.5794, 0.3361, 0.3487

Deuteranomaly

52.5820, 0.3482, 0.3446

Tritanomaly

52.1012, 0.3335, 0.3231

Monochromacy



Original Color

52.4067, 0.3444, 0.3460

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0861, 0.3240, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4067, 0.3444, 0.3460 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(211, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(211, 187, 173)  
}
```

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(211, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 187, 173) }
```

Border

The CSS property to change the border of an element to Yxy 52.4067, 0.3444, 0.3460 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(211, 187, 173) }
```

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

```
.border{ border-color:rgb(211, 187, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 187, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(211, 187,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4067, 0.3444, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 187, 173) }
```

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

```
.background{ background-color: rgb(211,  
187, 173) }
```

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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