

Converting Colors

Yxy(60.0184, 0.3411, 0.3493)

Have a look what the booklet for
Yxy(60.0184, 0.3411, 0.3493)
contains.

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Color

Yxy(59.7875, 0.3407, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	DBC8B7
RGB	219, 200, 183
RGB Percent	86%, 78%, 72%
CMY	0.1411, 0.2157, 0.2824
CMYK	0.00, 0.09, 0.16, 0.14
HSL	28°, 33%, 79%
HSV	28°, 16%, 86%
XYZ	58.4158, 59.7875, 53.2549
YIQ	203.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

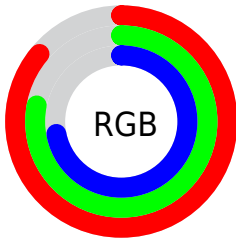
Format	Color
R _Y B	219, 215, 183
Decimal	14403767
CIE Lab	81.72, 3.89, 10.91
CIE LCh	82, 11.582, 70.367
Yxy	59.7875, 0.3407, 0.3487
Android (android.graphics.Color)	4292593847 (0xFFDBC8B7)
YUV	203.7430, -10.2263, 13.3804
Hunter-Lab	77.3224, -0.4602, 13.2903

Details

The Yxy color **59.7875, 0.3407, 0.3487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4201, 0.2871, 0.3085**, and the grayscale version is **60.2723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **30.0620, 0.3483, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **53.7958, 0.3610, 0.3614**, and if you desaturate by 10%, it is **66.3311, 0.3229, 0.3365**.

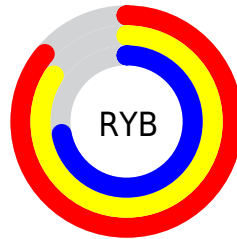
Distribution



Red (86%)

Green (78%)

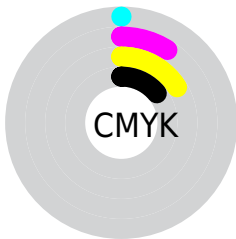
Blue (72%)



Red (86%)

Yellow (84%)

Blue (72%)

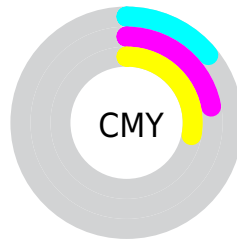


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (14%)



Cyan (14%)


Magenta (22%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7875, 0.3407, 0.3487 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 59.7875, 0.3407, 0.3487 by changing the saturation by 10% instead.

 59.7875, 0.3407,
0.3487

 59.7875, 0.3407,
0.3487


423.8141, 0.3272,
0.3394

 43.2474, 0.3439,
0.3509


 104.5213, 0.3359,
0.3454

 30.0793, 0.3479,
0.3536


133.4839, 0.3341,
0.3442

 19.8988, 0.3532,
0.3571


167.3560, 0.3325,
0.3431

 12.3215, 0.3602,
0.3617

206.5220, 0.3312,
0.3421

 6.9630, 0.3702,
0.3682

251.3665, 0.3300,
0.3413

 3.4390, 0.3853,
0.3776

302.2737, 0.3290,

 1.3650, 0.4148,

0.3406

0.3964

359.6281, 0.3281,
0.3399

0.1907, 0.5916,
0.4084

0.0000, 0.0000,
0.0000

59.7875, 0.3407,
0.3487

59.7875, 0.3407,
0.3487

53.7958, 0.3610,
0.3614

66.3311, 0.3229,
0.3365

48.3325, 0.3840,
0.3743

73.4333, 0.3075,
0.3250

43.3840, 0.4096,
0.3866

81.1108, 0.2941,
0.3144

38.9331, 0.4372,
0.3976

88.3317, 0.2909,
0.3200

■ 34.9614, 0.4661,
0.4059

■ 93.8015, 0.2912,
0.3289

■ 31.4490, 0.4946,
0.4105

■ 28.3737, 0.5209,
0.4099

■ 25.7100, 0.5432,
0.4039

■ 24.8513, 0.5505,
0.4011

Harmonies

Analogous

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



59.7875, 0.3416, 0.3377



59.7875, 0.3407, 0.3487



59.7875, 0.3322, 0.3547

Triad

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



59.7875, 0.3407, 0.3487



59.7875, 0.2913, 0.3328



59.7875, 0.3064, 0.3057

Complementary

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



59.7875, 0.3407, 0.3487



57.4201, 0.2871, 0.3085

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.



59.7875, 0.2932, 0.3040



59.7875, 0.3407, 0.3487



59.7875, 0.2847, 0.3192

Square

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



59.7875, 0.3407, 0.3487



59.7875, 0.3036, 0.3456



59.7875, 0.2854, 0.3088



59.7875, 0.3215, 0.3133

Rectangle

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



59.7875, 0.3407, 0.3487



59.7875, 0.3234, 0.3549



59.7875, 0.2854, 0.3088



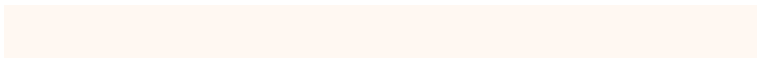
59.7875, 0.3016, 0.3044

Sweetspot

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



59.7902, 0.3407, 0.3487



94.9883, 0.3206, 0.3348



53.1982, 0.3279, 0.3070



20.1841, 0.3218, 0.3357



0.0000, 0.0000, 0.0000



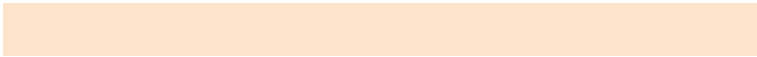
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7902, 0.3407, 0.3487



81.1558, 0.3480, 0.3534



68.5234, 0.3375, 0.3684



14.0608, 0.3280, 0.3401



14.9502, 0.5481, 0.4030



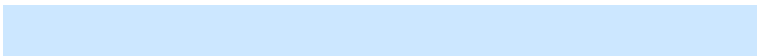
1.1402, 0.5217, 0.4240

Inverse Universe

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



57.4201, 0.2871, 0.3085



77.1590, 0.2811, 0.3033



49.5414, 0.2861, 0.2863



13.7488, 0.2982, 0.3177



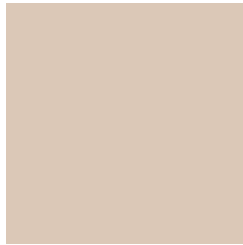
10.5998, 0.1800, 0.1678



0.8588, 0.1878, 0.1962

Previews

White Background



This preview shows how the Yxy color 59.7875, 0.3407, 0.3487 looks on a white background.

Color Contrast Check

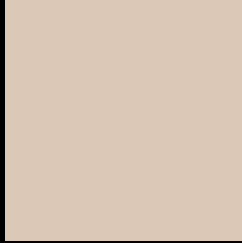
Large Text (above 18pt) WCAG AA × Fail

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 59.7875, 0.3407, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

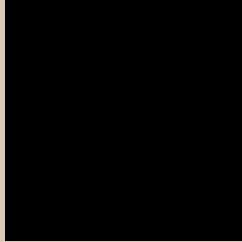
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7875, 0.3407, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 59.7875, 0.3407, 0.3487.



This preview shows how white text looks on a background with the Yxy color 59.7875, 0.3407, 0.3487.

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

59.7875, 0.3407, 0.3487

Protanopia

60.0214, 0.3329, 0.3514

Deuteranopia

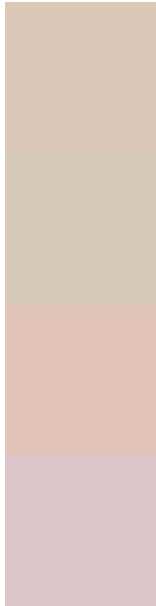
59.7635, 0.3498, 0.3426



Tritanopia

59.8710, 0.3230, 0.3123

Trichromacy



Original Color

59.7875, 0.3407, 0.3487

Protanomaly

59.9979, 0.3355, 0.3500

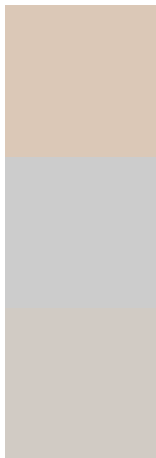
Deuteranomaly

59.5619, 0.3463, 0.3438

Tritanomaly

59.6791, 0.3297, 0.3245

Monochromacy



Original Color

59.7875, 0.3407, 0.3487

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2527, 0.3224, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7875, 0.3407, 0.3487 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(219, 200, 183)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 183)  
}
```

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(219, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 183) }
```

Border

The CSS property to change the border of an element to Yxy 59.7875, 0.3407, 0.3487 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(219, 200, 183) }
```

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

```
.border{ border-color:rgb(219, 200, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 183);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
183) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 59.7875, 0.3407, 0.3487$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 183) }
```

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

```
.background{ background-color: rgb(219,  
200, 183) }
```

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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