

Converting Colors

Yxy(51.6057, 0.3496, 0.3396)

Have a look what the booklet for
Yxy(51.6057, 0.3496, 0.3396)
contains.

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Color

Yxy(51.6747, 0.3497, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	D9B7AE
RGB	217, 183, 174
RGB Percent	85%, 72%, 68%
CMY	0.1492, 0.2823, 0.3176
CMYK	0.00, 0.16, 0.20, 0.15
HSL	13°, 36%, 77%
HSV	13°, 20%, 85%
XYZ	53.1802, 51.6747, 47.2189
YIQ	192.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

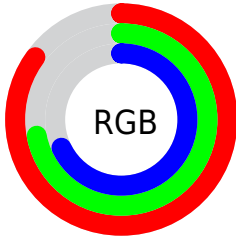
Format	Color
RYB	217, 185, 174
Decimal	14268334
CIELab	77.09, 10.78, 9.11
CIELCh	77, 14.111, 40.203
Yxy	51.6747, 0.3497, 0.3398
Android (android.graphics.Color)	4292458414 (0xFFD9B7AE)
YUV	192.1400, -8.9430, 21.8022
Hunter-Lab	71.8851, 6.2544, 11.3740

Details

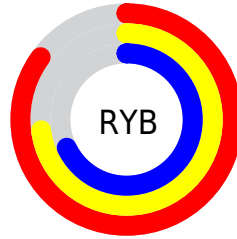
The Yxy color **51.6747, 0.3497, 0.3398** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.0933, 0.2826, 0.3179**, and the grayscale version is **52.8409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6501, 0.3297, 0.3389**, and **25.0518, 0.3601, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **44.2502, 0.3743, 0.3457**, and if you desaturate by 10%, it is **60.1020, 0.3293, 0.3342**.

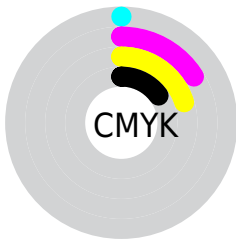
Distribution



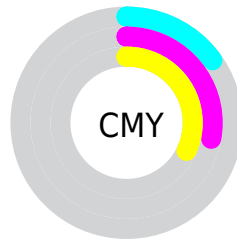
- Red (85%)
- Green (72%)
- Blue (68%)



- Red (85%)
- Yellow (73%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6747, 0.3497, 0.3398 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 51.6747, 0.3497, 0.3398 by changing the saturation by 10% instead.


 51.6747, 0.3497,
0.3398

 51.6747, 0.3497,
0.3398


393.1795, 0.3314,
0.3348

 36.7458, 0.3542,
0.3410


 92.6513, 0.3431,
0.3380

 25.0108, 0.3600,
0.3424

119.4679, 0.3406,
0.3374

 16.0851, 0.3676,
0.3442


151.0158, 0.3385,
0.3368

 9.5844, 0.3781,
0.3465

187.6794, 0.3367,
0.3363

 5.1243, 0.3935,
0.3495

229.8432, 0.3351,
0.3358

 2.3204, 0.4181,
0.3535

277.8916, 0.3337,

 0.7845, 0.5045,

0.3354

0.3880

332.2089, 0.3325,
0.3351

0.0000, 0.0000,
0.0000

51.6747, 0.3497,
0.3398

51.6747, 0.3497,
0.3398

44.2502, 0.3743,
0.3457

60.1020, 0.3293,
0.3342

37.7842, 0.4035,
0.3515

69.5604, 0.3124,
0.3289

32.2392, 0.4377,
0.3567

80.0860, 0.2984,
0.3240

27.5726, 0.4762,
0.3607

91.3320, 0.2898,
0.3255

23.7386, 0.5172,
0.3625

93.4855, 0.2900,
0.3289

■ 20.6866, 0.5574,
0.3610

■ 18.3606, 0.5917,
0.3559

■ 16.6904, 0.6169,
0.3481

■ 16.6625, 0.6174,
0.3480

Harmonies

Analogous

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



51.6747, 0.3405, 0.3235



51.6747, 0.3497, 0.3398



51.6747, 0.3486, 0.3540

Triad

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



51.6747, 0.3497, 0.3398



51.6747, 0.3011, 0.3504



51.6747, 0.2878, 0.2972

Complementary

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



51.6747, 0.3497, 0.3398



59.0933, 0.2826, 0.3179

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.



51.6747, 0.2779, 0.3031



51.6747, 0.3497, 0.3398



51.6747, 0.2855, 0.3338

Square

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



51.6747, 0.3497, 0.3398



51.6747, 0.3202, 0.3609



51.6747, 0.2771, 0.3164



51.6747, 0.3044, 0.2994

Rectangle

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



51.6747, 0.3497, 0.3398



51.6747, 0.3422, 0.3602



51.6747, 0.2771, 0.3164



51.6747, 0.2836, 0.2983

Sweetspot

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



51.6770, 0.3497, 0.3398



91.5809, 0.3226, 0.3321



49.5929, 0.3220, 0.2894



19.4131, 0.3237, 0.3325



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.



51.6770, 0.3497, 0.3398



69.5980, 0.3600, 0.3424



61.0228, 0.3451, 0.3640



13.4920, 0.3286, 0.3340



10.2150, 0.6151, 0.3498



0.7876, 0.5837, 0.3747

Inverse Universe

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



59.0933, 0.2826, 0.3179



82.2618, 0.2760, 0.3152



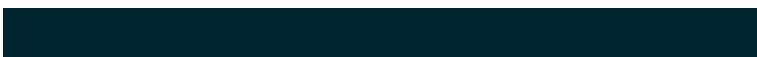
49.5026, 0.2809, 0.2914



14.3415, 0.2982, 0.3240



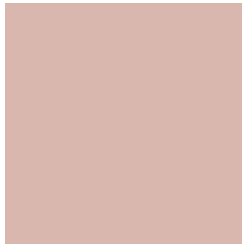
20.9288, 0.2057, 0.2604



1.4746, 0.2091, 0.2729

Previews

White Background



This preview shows how the Yxy color 51.6747, 0.3497, 0.3398 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 51.6747, 0.3497, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

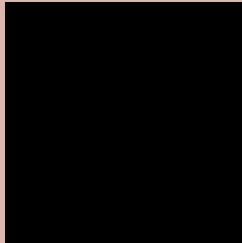
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6747, 0.3497, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 51.6747, 0.3497, 0.3398.



This preview shows how white text looks on a background with the Yxy color 51.6747, 0.3497, 0.3398.

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

51.6747, 0.3497, 0.3398

Protanopia

51.9116, 0.3278, 0.3440

Deuteranopia

51.7840, 0.3478, 0.3410



Tritanopia

51.5976, 0.3351, 0.3128

Trichromacy



Original Color

51.6747, 0.3497, 0.3398

Protanomaly

51.5523, 0.3351, 0.3413

Deuteranomaly

51.9359, 0.3486, 0.3410

Tritanomaly

51.5410, 0.3400, 0.3220

Monochromacy



Original Color

51.6747, 0.3497, 0.3398

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3155, 0.3258, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6747, 0.3497, 0.3398 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(217, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 183, 174)  
}
```

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(217, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 183, 174) }
```

Border

The CSS property to change the border of an element to Yxy 51.6747, 0.3497, 0.3398 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(217, 183, 174) }
```

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

```
.border{ border-color:rgb(217, 183, 174) }
```

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

Here you see how a box with a 4 pixel rgb(217, 183, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 183,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6747, 0.3497, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 183, 174) }
```

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

```
.background{ background-color: rgb(217,  
183, 174) }
```

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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