

Converting Colors

$Y_{xy}(46.5286, 0.3579, 0.3437)$

Have a look what the booklet for
Yxy(46.5286, 0.3579, 0.3437)
contains.

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Color

Yxy(46.3447, 0.3573, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	D3ADA2
RGB	211, 173, 162
RGB Percent	83%, 68%, 64%
CMY	0.1725, 0.3216, 0.3646
CMYK	0.00, 0.18, 0.23, 0.17
HSL	13°, 36%, 73%
HSV	13°, 23%, 83%
XYZ	48.3332, 46.3447, 40.5956
YIQ	183.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

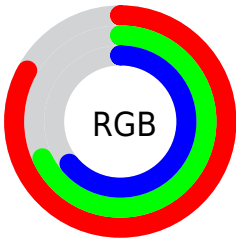
Format	Color
R_{YB}	211, 176, 162
Decimal	13872546
CIE Lab	73.77, 12.16, 10.83
CIE LCh	74, 16.279, 41.685
Yxy	46.3447, 0.3573, 0.3426
Android (android.graphics.Color)	4292062626 (0xFFD3ADA2)
YUV	183.1080, -10.4062, 24.4613
Hunter-Lab	68.0769, 7.5967, 12.2981

Details

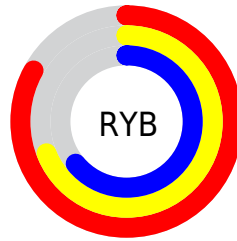
The Yxy color **46.3447, 0.3573, 0.3426** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7172, 0.2775, 0.3150**, and the grayscale version is **47.4662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7566, 0.3391, 0.3401**, and **21.8685, 0.3710, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **39.7577, 0.3831, 0.3489**, and if you desaturate by 10%, it is **53.8317, 0.3357, 0.3365**.

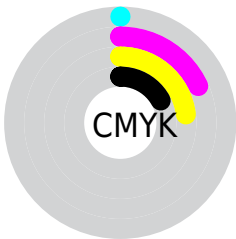
Distribution



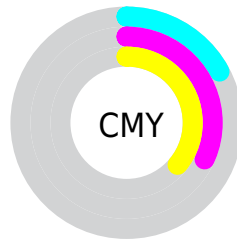
- Red (83%)
- Green (68%)
- Blue (64%)



- Red (83%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (17%)



- Cyan (17%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3447, 0.3573, 0.3426 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 46.3447, 0.3573, 0.3426 by changing the saturation by 10% instead.

 46.3447, 0.3573,
0.3426


 46.3447, 0.3573,
0.3426


372.1927, 0.3348,
0.3362

 32.5179, 0.3630,
0.3441


 84.7346, 0.3491,
0.3404

 21.7574, 0.3703,
0.3459


 110.0666, 0.3460,
0.3395

 13.6787, 0.3801,
0.3482


140.0024, 0.3434,
0.3387

 7.8976, 0.3938,
0.3511

174.9264, 0.3412,
0.3381

 4.0295, 0.4143,
0.3549

215.2230, 0.3393,
0.3375

 1.6901, 0.4484,
0.3596

261.2767, 0.3376,

 0.4172, 0.6243,

0.3370

0.3757

313.4718, 0.3361,
0.3366

0.0000, 0.0000,
0.0000

46.3447, 0.3573,
0.3426

46.3447, 0.3573,
0.3426

39.7577, 0.3831,
0.3489

53.8317, 0.3357,
0.3365

34.0304, 0.4136,
0.3549

62.2445, 0.3178,
0.3308

29.1286, 0.4488,
0.3602

71.6157, 0.3029,
0.3254

25.0135, 0.4878,
0.3638

81.9744, 0.2905,
0.3206

21.6431, 0.5284,
0.3648

92.5146, 0.2866,
0.3288

■ 18.9711, 0.5667,
0.3623

■ 92.5902, 0.2866,
0.3289

■ 16.9457, 0.5980,
0.3558

■ 15.9028, 0.6144,
0.3503

Harmonies

Analogous

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



46.3447, 0.3468, 0.3233



46.3447, 0.3573, 0.3426



46.3447, 0.3553, 0.3593

Triad

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



46.3447, 0.3573, 0.3426



46.3447, 0.2977, 0.3539



46.3447, 0.2837, 0.2910

Complementary

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



46.3447, 0.3573, 0.3426



53.7172, 0.2775, 0.3150

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.



46.3447, 0.2717, 0.2974



46.3447, 0.3573, 0.3426



46.3447, 0.2795, 0.3336

Square

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



46.3447, 0.3573, 0.3426



46.3447, 0.3204, 0.3670



46.3447, 0.2701, 0.3128



46.3447, 0.3038, 0.2942

Rectangle

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



46.3447, 0.3573, 0.3426



46.3447, 0.3472, 0.3667



46.3447, 0.2701, 0.3128



46.3447, 0.2787, 0.2921

Sweetspot

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



46.3468, 0.3573, 0.3426



90.3806, 0.3243, 0.3329



43.8915, 0.3246, 0.2834



19.1750, 0.3254, 0.3333



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.



46.3468, 0.3573, 0.3426



65.8211, 0.3699, 0.3458



56.4527, 0.3510, 0.3711



12.2314, 0.3285, 0.3343



9.7238, 0.6120, 0.3522



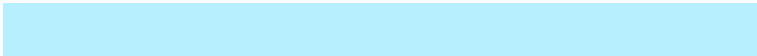
0.6656, 0.5757, 0.3811

Inverse Universe

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



53.7172, 0.2775, 0.3150



79.1021, 0.2701, 0.3115



43.4039, 0.2750, 0.2830



12.9393, 0.2983, 0.3237



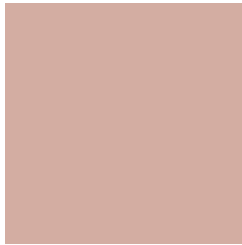
18.9686, 0.2044, 0.2557



1.1738, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 46.3447, 0.3573, 0.3426 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 46.3447, 0.3573, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

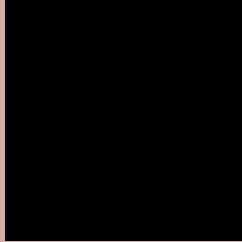
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3447, 0.3573, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 46.3447, 0.3573, 0.3426.



This preview shows how white text looks on a background with the Yxy color 46.3447, 0.3573, 0.3426.

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

46.3447, 0.3573, 0.3426

Protanopia

46.4923, 0.3310, 0.3486

Deuteranopia

46.3904, 0.3521, 0.3453



Tritanopia

46.3145, 0.3408, 0.3134

Trichromacy



Original Color

46.3447, 0.3573, 0.3426

Protanomaly

46.2932, 0.3396, 0.3457

Deuteranomaly

46.2906, 0.3543, 0.3440

Tritanomaly

46.2180, 0.3469, 0.3242

Monochromacy



Original Color

46.3447, 0.3573, 0.3426

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.6728, 0.3283, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3447, 0.3573, 0.3426 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, 173, 162)` looks like.

```
.text, #text, p{  
    color:rgb(211, 173, 162)  
}
```

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, 173, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 173, 162) }
```

Border

The CSS property to change the border of an element to Yxy 46.3447, 0.3573, 0.3426 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, 173, 162) }
```

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

```
.border{ border-color:rgb(211, 173, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 173, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 173, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 173, 162);  
box-shadow:4px 4px 4px 4px rgb(211, 173,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3447, 0.3573, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 173, 162) }
```

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

```
.background{ background-color: rgb(211,  
173, 162) }
```

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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