

Converting Colors

Yxy(47.0564, 0.3491, 0.3265)

Have a look what the booklet for
Yxy(47.0564, 0.3491, 0.3265)
contains.

Yxy(46.8963, 0.3486, 0.3255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(46.8963, 0.3486, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	D6ACAF
RGB	214, 172, 175
RGB Percent	84%, 67%, 69%
CMY	0.1607, 0.3255, 0.3138
CMYK	0.00, 0.20, 0.18, 0.16
HSL	356°, 34%, 76%
HSV	356°, 20%, 84%
XYZ	50.2244, 46.8963, 46.9539
YIQ	184.9000, 24.0690, 9.8370

Conversions

Conversions Part 2

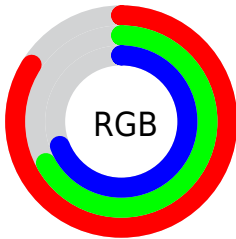
Format	Color
R _Y B	214, 172, 175
Decimal	14068911
CIE Lab	74.12, 15.77, 4.28
CIE LCh	74, 16.339, 15.201
Yxy	46.8963, 0.3486, 0.3255
Android (android.graphics.Color)	4292258991 (0xFFD6ACAF)
YUV	184.9000, -4.8807, 25.5207
Hunter-Lab	68.4809, 11.0718, 7.2844

Details

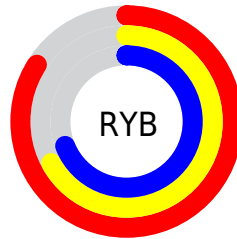
The Yxy color **46.8963, 0.3486, 0.3255** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.5777, 0.2853, 0.3326**, and the grayscale version is **48.4762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9113, 0.3304, 0.3261**, and **22.2339, 0.3587, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **38.6730, 0.3737, 0.3236**, and if you desaturate by 10%, it is **56.5507, 0.3284, 0.3273**.

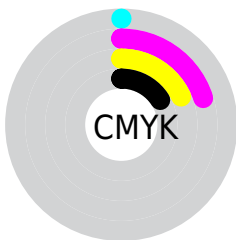
Distribution



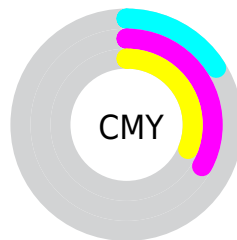
- Red (84%)
- Green (67%)
- Blue (69%)



- Red (84%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (16%)




- Cyan (16%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8963, 0.3486, 0.3255 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 46.8963, 0.3486, 0.3255 by changing the saturation by 10% instead.


 46.8963, 0.3486,
0.3255

 46.8963, 0.3486,
0.3255

374.4005, 0.3306,
0.3274

 32.9537, 0.3531,
0.3250


 85.5588, 0.3420,
0.3262

 22.0910, 0.3590,
0.3242


111.0475, 0.3396,
0.3265

 13.9238, 0.3667,
0.3232


141.1537, 0.3375,
0.3267

 8.0677, 0.3777,
0.3217

176.2617, 0.3357,
0.3269

 4.1383, 0.3941,
0.3191

216.7560, 0.3342,
0.3271

 1.7512, 0.4213,
0.3143

263.0210, 0.3328,

 0.4565, 0.5559,

0.3272

0.3099

315.4410, 0.3316,
0.3273

0.0000, 0.0000,
0.0000

46.8963, 0.3486,
0.3255

46.8963, 0.3486,
0.3255

38.6730, 0.3737,
0.3236

56.5507, 0.3284,
0.3273

31.8067, 0.4047,
0.3218

67.6931, 0.3122,
0.3291

26.2264, 0.4419,
0.3202

80.3848, 0.2992,
0.3306

21.8519, 0.4848,
0.3193

93.0073, 0.2886,
0.3294

18.5944, 0.5309,
0.3193

93.0388, 0.2883,
0.3289

■ 16.3523, 0.5751,
0.3207

■ 15.0061, 0.6108,
0.3234

■ 14.3531, 0.6329,
0.3263

■ 14.3339, 0.6336,
0.3264

Harmonies

Analogous

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



46.8963, 0.3296, 0.3077



46.8963, 0.3486, 0.3255



46.8963, 0.3577, 0.3448

Triad

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



46.8963, 0.3486, 0.3255



46.8963, 0.3177, 0.3660



46.8963, 0.2726, 0.2962

Complementary

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



46.8963, 0.3486, 0.3255



61.5777, 0.2853, 0.3326

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.



46.8963, 0.2697, 0.3106



46.8963, 0.3486, 0.3255



46.8963, 0.2952, 0.3518

Square

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



46.8963, 0.3486, 0.3255



46.8963, 0.3393, 0.3691



46.8963, 0.2779, 0.3310



46.8963, 0.2858, 0.2909

Rectangle

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



46.8963, 0.3486, 0.3255



46.8963, 0.3568, 0.3562



46.8963, 0.2779, 0.3310



46.8963, 0.2704, 0.3001

Sweetspot

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



46.8984, 0.3486, 0.3255



89.7418, 0.3222, 0.3280



48.1386, 0.3120, 0.2801



18.9802, 0.3233, 0.3279



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.



46.8984, 0.3486, 0.3255



63.8387, 0.3595, 0.3246



53.8913, 0.3474, 0.3500



12.4350, 0.3280, 0.3274



8.6680, 0.6318, 0.3254



0.5279, 0.6075, 0.3120

Inverse Universe

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



46.8984, 0.3486, 0.3255



63.8387, 0.3595, 0.3246



53.3371, 0.2822, 0.3071



12.4350, 0.3280, 0.3274



8.6680, 0.6318, 0.3254



0.5279, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 46.8963, 0.3486, 0.3255 looks on a white background.

Color Contrast Check

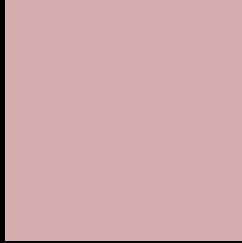
Large Text (above 18pt) WCAG AA × Fail

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 46.8963, 0.3486, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

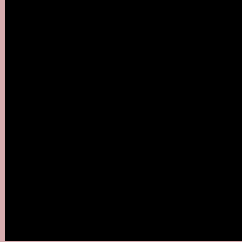
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8963, 0.3486, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 46.8963, 0.3486, 0.3255.



This preview shows how white text looks on a background with the Yxy color 46.8963, 0.3486, 0.3255.

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

46.8963, 0.3486, 0.3255

Protanopia

47.1903, 0.3177, 0.3316

Deuteranopia

46.8032, 0.3386, 0.3316



Tritanopia

47.0336, 0.3416, 0.3136

Trichromacy



Original Color

46.8963, 0.3486, 0.3255

Protanomaly

46.7909, 0.3286, 0.3290

Deuteranomaly

46.9813, 0.3424, 0.3303

Tritanomaly

46.9091, 0.3443, 0.3171

Monochromacy



Original Color

46.8963, 0.3486, 0.3255

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.7145, 0.3258, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8963, 0.3486, 0.3255 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(214, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(214, 172, 175)  
}
```

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(214, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 172, 175) }
```

Border

The CSS property to change the border of an element to Yxy 46.8963, 0.3486, 0.3255 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(214, 172, 175) }
```

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

```
.border{ border-color:rgb(214, 172, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 172, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(214, 172,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8963, 0.3486, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 172, 175) }
```

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

```
.background{ background-color: rgb(214,  
172, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor