

Converting Colors

Yxy(46.9684, 0.3513, 0.3402)

Have a look what the booklet for
Yxy(46.9684, 0.3513, 0.3402)
contains.

Yxy(46.9684, 0.3513, 0.3402)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.9684, 0.3513, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	D1AFA6
RGB	209, 175, 166
RGB Percent	82%, 69%, 65%
CMY	0.1805, 0.3137, 0.3490
CMYK	0.00, 0.16, 0.21, 0.18
HSL	13°, 32%, 74%
HSV	13°, 21%, 82%
XYZ	48.5009, 46.9684, 42.5919
YIQ	184.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

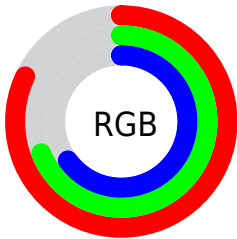
Format	Color
R _Y B	209, 177, 166
Decimal	13741990
CIE Lab	74.17, 10.89, 9.20
CIE LCh	74, 14.254, 40.177
Yxy	46.9684, 0.3513, 0.3402
Android (android.graphics.Color)	4291932070 (0xFFD1AFA6)
YUV	184.1400, -8.9430, 21.8022
Hunter-Lab	68.5335, 6.3901, 11.1262

Details

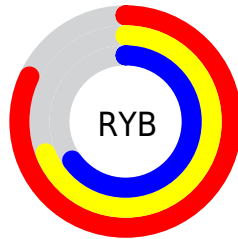
The Yxy color **46.9684, 0.3513, 0.3402** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0010, 0.2815, 0.3175**, and the grayscale version is **48.0548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6323, 0.3359, 0.3390**, and **22.2508, 0.3625, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **40.2232, 0.3761, 0.3460**, and if you desaturate by 10%, it is **54.6289, 0.3307, 0.3346**.

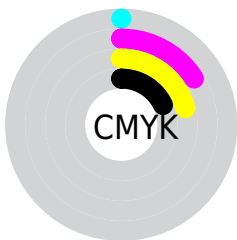
Distribution



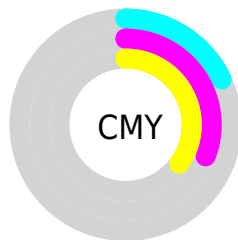
- Red (82%)
- Green (69%)
- Blue (65%)



- Red (82%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (18%)




- Cyan (18%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9684, 0.3513, 0.3402 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 46.9684, 0.3513, 0.3402 by changing the saturation by 10% instead.


 46.9684, 0.3513,
0.3402

 46.9684, 0.3513,
0.3402


374.6884, 0.3319,
0.3349

 33.0107, 0.3562,
0.3414


 85.6665, 0.3442,
0.3383

 22.1346, 0.3625,
0.3430


 111.1756, 0.3416,
0.3376

 13.9559, 0.3709,
0.3449


141.3039, 0.3393,
0.3370

 8.0900, 0.3826,
0.3474

176.4360, 0.3374,
0.3365

 4.1526, 0.4003,
0.3507

216.9560, 0.3358,
0.3360

 1.7593, 0.4294,
0.3550

263.2485, 0.3343,

 0.4616, 0.6042,

0.3356

0.3958

315.6978, 0.3330,
0.3352

0.0000, 0.0000,
0.0000

46.9684, 0.3513,
0.3402

46.9684, 0.3513,
0.3402

40.2232, 0.3761,
0.3460

54.6289, 0.3307,
0.3346

34.3525, 0.4056,
0.3518

63.2307, 0.3136,
0.3293

29.3222, 0.4400,
0.3570

72.8067, 0.2994,
0.3244

25.0931, 0.4787,
0.3609

83.3864, 0.2876,
0.3200

21.6230, 0.5197,
0.3624

92.2902, 0.2855,
0.3289

■ 18.8657, 0.5596,
0.3608

■ 16.7694, 0.5934,
0.3555

■ 15.3370, 0.6171,
0.3482

Harmonies

Analogous

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



46.9684, 0.3417, 0.3232



46.9684, 0.3513, 0.3402



46.9684, 0.3501, 0.3550

Triad

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



46.9684, 0.3513, 0.3402



46.9684, 0.3006, 0.3514



46.9684, 0.2867, 0.2959

Complementary

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



46.9684, 0.3513, 0.3402



54.0010, 0.2815, 0.3175

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.



46.9684, 0.2765, 0.3020



46.9684, 0.3513, 0.3402



46.9684, 0.2843, 0.3340

Square

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



46.9684, 0.3513, 0.3402



46.9684, 0.3205, 0.3623



46.9684, 0.2756, 0.3158



46.9684, 0.3040, 0.2982

Rectangle

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



46.9684, 0.3513, 0.3402



46.9684, 0.3435, 0.3615



46.9684, 0.2756, 0.3158



46.9684, 0.2824, 0.2970

Sweetspot

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



46.9705, 0.3513, 0.3402



91.5791, 0.3226, 0.3321



45.0153, 0.3224, 0.2880



19.4127, 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.



46.9705, 0.3513, 0.3402



68.5104, 0.3625, 0.3430



55.8198, 0.3463, 0.3653



12.2041, 0.3285, 0.3339



9.5763, 0.6148, 0.3500



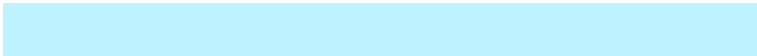
0.6530, 0.5791, 0.3784

Inverse Universe

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



54.0010, 0.2815, 0.3175



81.6170, 0.2746, 0.3146



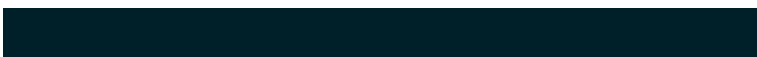
44.9100, 0.2797, 0.2899



12.9687, 0.2983, 0.3240



19.6192, 0.2057, 0.2607



1.2051, 0.2096, 0.2746

Previews

White Background



This preview shows how the Yxy color 46.9684, 0.3513, 0.3402 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 46.9684, 0.3513, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

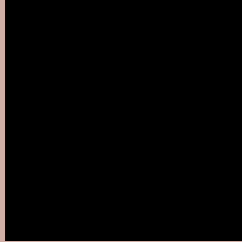
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9684, 0.3513, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 46.9684, 0.3513, 0.3402.



This preview shows how white text looks on a background with the Yxy color 46.9684, 0.3513, 0.3402.

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

46.9684, 0.3513, 0.3402

Protanopia

47.1770, 0.3285, 0.3446

Deuteranopia

46.9257, 0.3483, 0.3415



Tritanopia

46.8567, 0.3369, 0.3134

Trichromacy



Original Color

46.9684, 0.3513, 0.3402

Protanomaly

46.8405, 0.3360, 0.3418

Deuteranomaly

47.0692, 0.3493, 0.3415

Tritanomaly

46.8031, 0.3420, 0.3230

Monochromacy



Original Color

46.9684, 0.3513, 0.3402

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5595, 0.3263, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9684, 0.3513, 0.3402 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(209, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 166)  
}
```

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(209, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.9684, 0.3513, 0.3402 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(209, 175, 166) }
```

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

```
.border{ border-color:rgb(209, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 175, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 175, 166); box-shadow:4px 4px 4px 4px rgb(209, 175, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9684, 0.3513, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 166) }
```

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

```
.background{ background-color: rgb(209,  
175, 166) }
```

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