

Converting Colors

$Yxy(46.9344, 0.3478, 0.3365)$

Have a look what the booklet for
Yxy(46.9344, 0.3478, 0.3365)
contains.

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Color

Yxy(46.9344, 0.3478, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	D0AFA9
RGB	208, 175, 169
RGB Percent	82%, 69%, 66%
CMY	0.1842, 0.3138, 0.3373
CMYK	0.00, 0.16, 0.19, 0.18
HSL	9°, 29%, 74%
HSV	9°, 19%, 82%
XYZ	48.5105, 46.9344, 44.0333
YIQ	184.1830, 21.5940, 5.1300

Conversions

Conversions Part 2

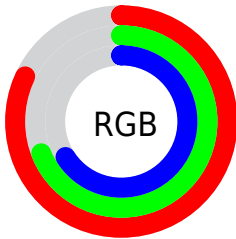
Format	Color
R_{YB}	208, 176, 169
Decimal	13676457
CIE _{Lab}	74.15, 11.01, 7.53
CIE _{LCh}	74, 13.337, 34.355
Yxy	46.9344, 0.3478, 0.3365
Android (android.graphics.Color)	4291866537 (0xFFD0AFA9)
YUV	184.1830, -7.4852, 20.8875
Hunter-Lab	68.5087, 6.5044, 9.8480

Details

The Yxy color **46.9344, 0.3478, 0.3365** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2469, 0.2843, 0.3214**, and the grayscale version is **48.0748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7936, 0.3339, 0.3360**, and **22.2226, 0.3575, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **39.8044, 0.3725, 0.3408**, and if you desaturate by 10%, it is **55.0865, 0.3275, 0.3324**.

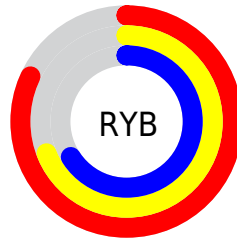
Distribution



Red (82%)

Green (69%)

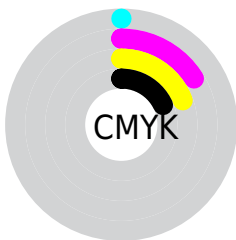
Blue (66%)



Red (82%)

Yellow (69%)

Blue (66%)

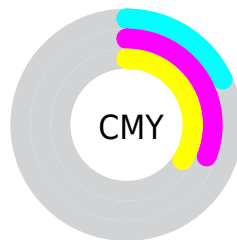


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9344, 0.3478, 0.3365 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 46.9344, 0.3478, 0.3365 by changing the saturation by 10% instead.


 46.9344, 0.3478,
0.3365

 46.9344, 0.3478,
0.3365

374.5526, 0.3302,
0.3330

 32.9838, 0.3522,
0.3373


 85.6157, 0.3414,
0.3353

 22.1140, 0.3580,
0.3383


111.1152, 0.3390,
0.3348

 13.9407, 0.3656,
0.3395


141.2331, 0.3369,
0.3344

 8.0794, 0.3763,
0.3411

176.3538, 0.3352,
0.3340

 4.1458, 0.3924,
0.3431

216.8617, 0.3337,
0.3337

 1.7555, 0.4192,
0.3455

263.1412, 0.3324,

 0.4592, 0.6057,

0.3335

0.3943

315.5767, 0.3312,
0.3332

0.0000, 0.0000,
0.0000

46.9344, 0.3478,
0.3365

46.9344, 0.3478,
0.3365

39.8044, 0.3725,
0.3408

55.0865, 0.3275,
0.3324

33.6499, 0.4023,
0.3451

64.2922, 0.3108,
0.3285

28.4302, 0.4374,
0.3490

74.5896, 0.2972,
0.3250

24.0993, 0.4775,
0.3519

86.0129, 0.2859,
0.3218

20.6072, 0.5206,
0.3531

92.1552, 0.2849,
0.3289

■ 17.8988, 0.5628,
0.3518

■ 15.9125, 0.5986,
0.3477

■ 14.5733, 0.6237,
0.3415

■ 14.4471, 0.6263,
0.3409

Harmonies

Analogous

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



46.9344, 0.3371, 0.3206



46.9344, 0.3478, 0.3365



46.9344, 0.3487, 0.3510

Triad

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



46.9344, 0.3478, 0.3365



46.9344, 0.3049, 0.3525



46.9344, 0.2859, 0.2984

Complementary

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



46.9344, 0.3478, 0.3365



55.2469, 0.2843, 0.3214

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.



46.9344, 0.2779, 0.3058



46.9344, 0.3478, 0.3365



46.9344, 0.2886, 0.3371

Square

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



46.9344, 0.3478, 0.3365



46.9344, 0.3236, 0.3610



46.9344, 0.2789, 0.3198



46.9344, 0.3011, 0.2991

Rectangle

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



46.9344, 0.3478, 0.3365



46.9344, 0.3437, 0.3580



46.9344, 0.2789, 0.3198



46.9344, 0.2823, 0.3000

Sweetspot

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



46.9365, 0.3478, 0.3365



91.0687, 0.3227, 0.3313



46.0604, 0.3198, 0.2894



19.2924, 0.3238, 0.3316



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.



46.9365, 0.3478, 0.3365



69.0994, 0.3583, 0.3384



55.0281, 0.3436, 0.3597



12.0974, 0.3287, 0.3326



9.0909, 0.6244, 0.3424



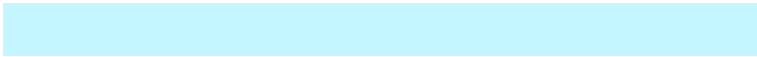
0.6035, 0.5931, 0.3673

Inverse Universe

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



55.2469, 0.2843, 0.3214



84.9046, 0.2778, 0.3194



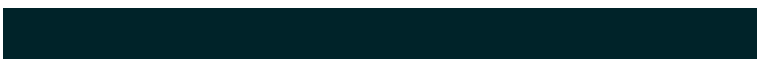
46.7153, 0.2829, 0.2962



13.0845, 0.2983, 0.3253



22.3121, 0.2111, 0.2798



1.3332, 0.2138, 0.2897

Previews

White Background



This preview shows how the Yxy color 46.9344, 0.3478, 0.3365 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 46.9344, 0.3478, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

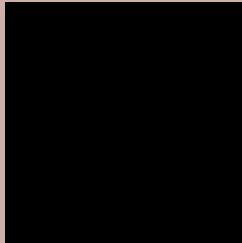
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9344, 0.3478, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 46.9344, 0.3478, 0.3365.



This preview shows how white text looks on a background with the Yxy color 46.9344, 0.3478, 0.3365.

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

46.9344, 0.3478, 0.3365

Protanopia

47.1644, 0.3251, 0.3407

Deuteranopia

46.8944, 0.3448, 0.3378



Tritanopia

46.7519, 0.3351, 0.3121

Trichromacy



Original Color

46.9344, 0.3478, 0.3365

Protanomaly

46.8209, 0.3326, 0.3380

Deuteranomaly

47.0371, 0.3457, 0.3378

Tritanomaly

46.7377, 0.3393, 0.3205

Monochromacy



Original Color

46.9344, 0.3478, 0.3365

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6399, 0.3247, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9344, 0.3478, 0.3365 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(208, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(208, 175, 169)  
}
```

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(208, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 175, 169) }
```

Border

The CSS property to change the border of an element to Yxy 46.9344, 0.3478, 0.3365 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(208, 175, 169) }
```

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

```
.border{ border-color:rgb(208, 175, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 175, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 175, 169);  
box-shadow:4px 4px 4px 4px rgb(208, 175,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9344, 0.3478, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 175, 169) }
```

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

```
.background{ background-color: rgb(208,  
175, 169) }
```

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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