

Converting Colors

$Yxy(46.3681, 0.3392, 0.3190)$

Have a look what the booklet for
Yxy(46.3681, 0.3392, 0.3190)
contains.

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Color

Yxy(46.3556, 0.3395, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	D1ACB4
RGB	209, 172, 180
RGB Percent	82%, 67%, 71%
CMY	0.1803, 0.3255, 0.2941
CMYK	0.00, 0.18, 0.14, 0.18
HSL	347°, 29%, 75%
HSV	347°, 18%, 82%
XYZ	49.2882, 46.3556, 49.5350
YIQ	183.9750, 19.4840, 10.3320

Conversions

Conversions Part 2

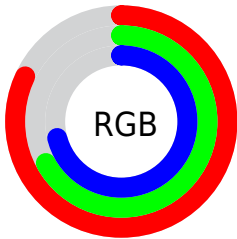
Format	Color
RYB	209, 172, 180
Decimal	13741236
CIELab	73.78, 14.74, 0.97
CIELCh	74, 14.770, 3.747
Yxy	46.3556, 0.3395, 0.3193
Android (android.graphics.Color)	4291931316 (0xFFD1ACB4)
YUV	183.9750, -1.9597, 21.9469
Hunter-Lab	68.0849, 10.0715, 4.5232

Details

The Yxy color **46.3556, 0.3395, 0.3193** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.5941, 0.2913, 0.3390**, and the grayscale version is **47.9230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2543, 0.3264, 0.3202**, and **21.8353, 0.3473, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **38.3891, 0.3597, 0.3134**, and if you desaturate by 10%, it is **55.6563, 0.3232, 0.3249**.

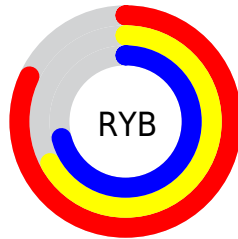
Distribution



Red (82%)

Green (67%)

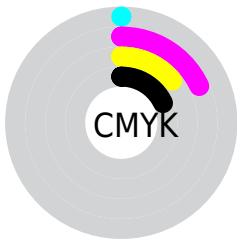
Blue (71%)



Red (82%)

Yellow (67%)

Blue (71%)

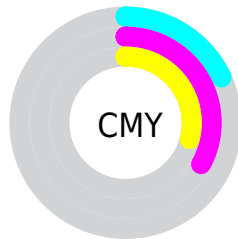


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3556, 0.3395, 0.3193 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 46.3556, 0.3395, 0.3193 by changing the saturation by 10% instead.


 46.3556, 0.3395,
0.3193

 46.3556, 0.3395,
0.3193


372.2364, 0.3261,
0.3242

 32.5265, 0.3429,
0.3181


 84.7509, 0.3346,
0.3211

 21.7640, 0.3472,
0.3165


110.0860, 0.3328,
0.3218

 13.6836, 0.3530,
0.3143


140.0251, 0.3312,
0.3223

 7.9009, 0.3611,
0.3113

174.9528, 0.3299,
0.3228

 4.0316, 0.3733,
0.3067

215.2534, 0.3288,
0.3232

 1.6913, 0.3936,
0.2989

261.3112, 0.3277,

 0.4180, 0.4845,

0.3236

0.2675

313.5108, 0.3269,
0.3239

0.0000, 0.0000,
0.0000

46.3556, 0.3395,
0.3193

46.3556, 0.3395,
0.3193

38.3891, 0.3597,
0.3134

55.6563, 0.3232,
0.3249

31.6895, 0.3843,
0.3076

66.3421, 0.3099,
0.3302

26.1930, 0.4140,
0.3022

78.4689, 0.2992,
0.3350

21.8279, 0.4489,
0.2979

91.7013, 0.2904,
0.3388

18.5145, 0.4879,
0.2957

92.2969, 0.2855,
0.3289

■ 16.1630, 0.5286,
0.2965

■ 14.6681, 0.5669,
0.3010

■ 13.8827, 0.5985,
0.3088

■ 13.7483, 0.6048,
0.3105

Harmonies

Analogous

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



46.3556, 0.3202, 0.3045



46.3556, 0.3395, 0.3193



46.3556, 0.3516, 0.3369

Triad

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



46.3556, 0.3395, 0.3193



46.3556, 0.3252, 0.3648



46.3556, 0.2740, 0.3034

Complementary

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



46.3556, 0.3395, 0.3193



58.5941, 0.2913, 0.3390

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.



46.3556, 0.2753, 0.3191



46.3556, 0.3395, 0.3193



46.3556, 0.3044, 0.3555

Square

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



46.3556, 0.3395, 0.3193



46.3556, 0.3431, 0.3637



46.3556, 0.2863, 0.3384



46.3556, 0.2826, 0.2952

Rectangle

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



46.3556, 0.3395, 0.3193



46.3556, 0.3538, 0.3481



46.3556, 0.2863, 0.3384



46.3556, 0.2733, 0.3079

Sweetspot

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



46.3577, 0.3395, 0.3193



91.5064, 0.3194, 0.3264



46.5254, 0.3079, 0.2845



19.3403, 0.3204, 0.3260



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.



46.3577, 0.3395, 0.3193



68.0496, 0.3461, 0.3173



50.1910, 0.3445, 0.3419



11.8495, 0.3257, 0.3240



8.4878, 0.6015, 0.3087



0.4867, 0.5492, 0.2799

Inverse Universe

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



46.3577, 0.3395, 0.3193



68.0496, 0.3461, 0.3173



54.0031, 0.2856, 0.3158



11.8495, 0.3257, 0.3240



8.4878, 0.6015, 0.3087



0.4867, 0.5492, 0.2799

Previews

White Background



This preview shows how the Yxy color 46.3556, 0.3395, 0.3193 looks on a white background.

Color Contrast Check

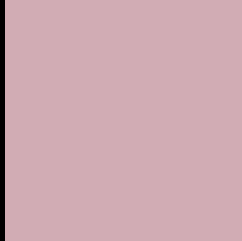
Large Text (above 18pt) WCAG AA × Fail

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 46.3556, 0.3395, 0.3193 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 46.3556, 0.3395, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 46.3556, 0.3395, 0.3193.



This preview shows how white text looks on a background with the Yxy color 46.3556, 0.3395, 0.3193.

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

46.3556, 0.3395, 0.3193

Protanopia

46.7409, 0.3121, 0.3238

Deuteranopia

46.5847, 0.3316, 0.3253



Tritanopia

46.3302, 0.3362, 0.3121

Trichromacy



Original Color

46.3556, 0.3395, 0.3193

Protanomaly

46.5971, 0.3217, 0.3227

Deuteranomaly

46.6111, 0.3344, 0.3241

Tritanomaly

46.2464, 0.3379, 0.3145

Monochromacy



Original Color

46.3556, 0.3395, 0.3193

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3989, 0.3215, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3556, 0.3395, 0.3193 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, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(209, 172, 180)  
}
```

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, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 172, 180) }
```

Border

The CSS property to change the border of an element to Yxy 46.3556, 0.3395, 0.3193 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, 172, 180) }
```

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

```
.border{ border-color:rgb(209, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 172,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3556, 0.3395, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 172, 180) }
```

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

```
.background{ background-color: rgb(209,  
172, 180) }
```

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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