

Converting Colors

$Yxy(46.9066, 0.3540, 0.3282)$

Have a look what the booklet for
Yxy(46.9066, 0.3540, 0.3282)
contains.

Yxy(46.8561, 0.3543, 0.3279)	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(46.8561, 0.3543, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D9ABAC
RGB	217, 171, 172
RGB Percent	85%, 67%, 67%
CMY	0.1490, 0.3294, 0.3254
CMYK	0.00, 0.21, 0.21, 0.15
HSL	359°, 38%, 76%
HSV	359°, 21%, 85%
XYZ	50.6286, 46.8561, 45.4128
YIQ	184.8680, 27.0950, 10.0630

Conversions

Conversions Part 2

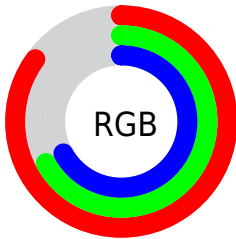
Format	Color
R_{YB}	217, 171, 172
Decimal	14265260
CIE _{Lab}	74.10, 16.96, 5.91
CIE _{LCh}	74, 17.961, 19.216
Yxy	46.8561, 0.3543, 0.3279
Android (android.graphics.Color)	4292455340 (0xFFD9ABAC)
YUV	184.8680, -6.3439, 28.1798
Hunter-Lab	68.4515, 12.2333, 8.5813

Details

The Yxy color $46.8561, 0.3543, 0.3279$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $63.2482, 0.2819, 0.3301$, and the grayscale version is $48.4653, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1988, 0.3325, 0.3281$, and $22.1268, 0.3654, 0.3276$ is the 20% darker color. If you saturate the color by 10%, you get $38.5705, 0.3818, 0.3274$, and if you desaturate by 10%, it is $56.6220, 0.3322, 0.3284$.

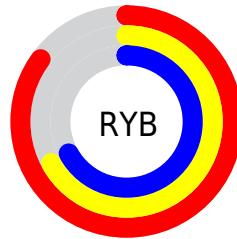
Distribution



Red (85%)

Green (67%)

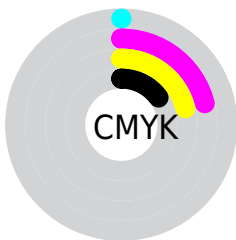
Blue (67%)



Red (85%)

Yellow (67%)

Blue (67%)

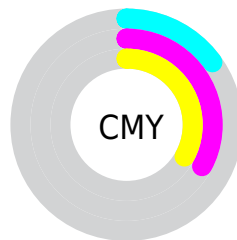


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (15%)



Cyan (15%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8561, 0.3543, 0.3279 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 46.8561, 0.3543, 0.3279 by changing the saturation by 10% instead.

 46.8561, 0.3543,
0.3279

 46.8561, 0.3543,
0.3279


374.2398, 0.3334,
0.3287

 32.9219, 0.3596,
0.3276


 85.4988, 0.3467,
0.3283

 22.0666, 0.3663,
0.3272


110.9761, 0.3438,
0.3284

 13.9059, 0.3754,
0.3265

141.0698, 0.3414,
0.3285

 8.0552, 0.3881,
0.3254

176.1645, 0.3393,
0.3286

 4.1303, 0.4071,
0.3235

216.6444, 0.3375,
0.3286

 1.7467, 0.4388,
0.3193

262.8940, 0.3360,

 0.4536, 0.6127,

0.3287

0.3288

315.2977, 0.3346,
0.3287

0.0000, 0.0000,
0.0000

46.8561, 0.3543,
0.3279

46.8561, 0.3543,
0.3279

38.5705, 0.3818,
0.3274

56.6220, 0.3322,
0.3284

31.6872, 0.4156,
0.3269

67.9288, 0.3146,
0.3289

26.1303, 0.4560,
0.3265

80.8414, 0.3005,
0.3294

21.8147, 0.5017,
0.3264

93.4938, 0.2900,
0.3289

18.6450, 0.5492,
0.3266

■ 16.5123, 0.5921,
0.3273

■ 15.2863, 0.6232,
0.3283

■ 14.7643, 0.6382,
0.3289

Harmonies

Analogous

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



46.8561, 0.3345, 0.3080



46.8561, 0.3543, 0.3279



46.8561, 0.3626, 0.3489

Triad

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



46.8561, 0.3543, 0.3279



46.8561, 0.3146, 0.3684



46.8561, 0.2700, 0.2916

Complementary

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



46.8561, 0.3543, 0.3279



63.2482, 0.2819, 0.3301

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.



46.8561, 0.2653, 0.3060



46.8561, 0.3543, 0.3279



46.8561, 0.2904, 0.3513

Square

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



46.8561, 0.3543, 0.3279



46.8561, 0.3390, 0.3735



46.8561, 0.2726, 0.3280



46.8561, 0.2858, 0.2873

Rectangle

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



46.8561, 0.3543, 0.3279



46.8561, 0.3602, 0.3609



46.8561, 0.2726, 0.3280



46.8561, 0.2671, 0.2953

Sweetspot

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



46.8582, 0.3543, 0.3279



89.6972, 0.3226, 0.3287



48.6556, 0.3139, 0.2764



18.9697, 0.3238, 0.3287



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.



46.8582, 0.3543, 0.3279



62.4658, 0.3647, 0.3277



55.6010, 0.3501, 0.3544



13.0562, 0.3288, 0.3285



8.9383, 0.6376, 0.3286



0.5807, 0.6299, 0.3244

Inverse Universe

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



46.8582, 0.3543, 0.3279



62.4658, 0.3647, 0.3277



52.9408, 0.2794, 0.3022



13.0562, 0.3288, 0.3285



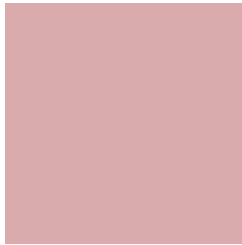
8.9383, 0.6376, 0.3286



0.5807, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 46.8561, 0.3543, 0.3279 looks on a white background.

Color Contrast Check

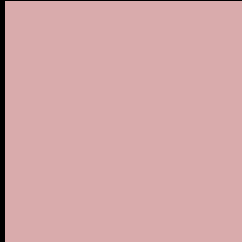
Large Text (above 18pt) WCAG AA × Fail

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 46.8561, 0.3543, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

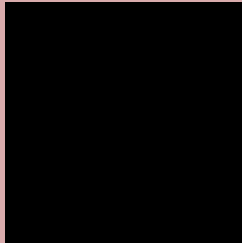
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8561, 0.3543, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 46.8561, 0.3543, 0.3279.



This preview shows how white text looks on a background with the Yxy color 46.8561, 0.3543, 0.3279.

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

46.8561, 0.3543, 0.3279

Protanopia

47.2350, 0.3202, 0.3342

Deuteranopia

46.8283, 0.3421, 0.3353



Tritanopia

46.6588, 0.3465, 0.3137

Trichromacy



Original Color

46.8561, 0.3543, 0.3279

Protanomaly

46.9811, 0.3320, 0.3316

Deuteranomaly

46.7677, 0.3471, 0.3328

Tritanomaly

46.8692, 0.3500, 0.3196

Monochromacy



Original Color

46.8561, 0.3543, 0.3279

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8081, 0.3275, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8561, 0.3543, 0.3279 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(217, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(217, 171, 172)  
}
```

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(217, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 171, 172) }
```

Border

The CSS property to change the border of an element to Yxy 46.8561, 0.3543, 0.3279 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(217, 171, 172) }
```

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

```
.border{ border-color:rgb(217, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(217, 171,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8561, 0.3543, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 171, 172) }
```

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

```
.background{ background-color: rgb(217,  
171, 172) }
```

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