

Converting Colors

$Y_{xy}(45.9275, 0.3173, 0.3005)$

Have a look what the booklet for
Yxy(45.9275, 0.3173, 0.3005)
contains.

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Color

Yxy(46.0148, 0.3167, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	C7ADC4
RGB	199, 173, 196
RGB Percent	78%, 68%, 77%
CMY	0.2195, 0.3216, 0.2314
CMYK	0.00, 0.13, 0.02, 0.22
HSL	307°, 19%, 73%
HSV	307°, 13%, 78%
XYZ	48.4632, 46.0148, 58.5476
YIQ	183.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

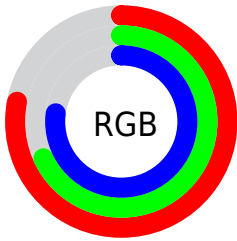
Format	Color
RYB	199, 173, 196
Decimal	13086148
CIELab	73.56, 13.44, -8.23
CIELCh	74, 15.755, 328.512
Yxy	46.0148, 0.3167, 0.3007
Android (android.graphics.Color)	4291276228 (0xFFC7ADC4)
YUV	183.3960, 6.2138, 13.6847
Hunter-Lab	67.8342, 8.8170, -3.6892

Details

The Yxy color $46.0148, 0.3167, 0.3007$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $52.8749, 0.3090, 0.3590$, and the grayscale version is $47.5463, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.8387, 0.3152, 0.3048$, and $21.6475, 0.3180, 0.2942$ is the 20% darker color. If you saturate the color by 10%, you get $38.8398, 0.3202, 0.2784$, and if you desaturate by 10%, it is $54.3323, 0.3136, 0.3225$.

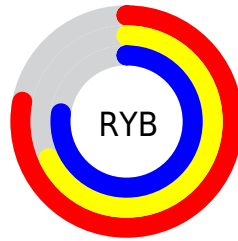
Distribution



Red (78%)

Green (68%)

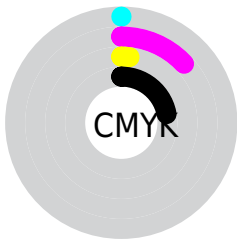
Blue (77%)



Red (78%)

Yellow (68%)

Blue (77%)

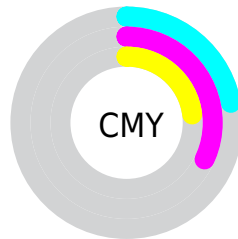


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0148, 0.3167, 0.3007 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 46.0148, 0.3167, 0.3007 by changing the saturation by 10% instead.


 46.0148, 0.3167,
0.3007

 46.0148, 0.3167,
0.3007


370.8681, 0.3148,
0.3146

 32.2575, 0.3171,
0.2973


 84.2411, 0.3161,
0.3057

 21.5583, 0.3176,
0.2930


109.4790, 0.3158,
0.3076

 13.5327, 0.3183,
0.2874


139.3125, 0.3156,
0.3092

 7.7964, 0.3192,
0.2796

174.1260, 0.3154,
0.3106

 3.9649, 0.3203,
0.2684

214.3039, 0.3152,
0.3118

 1.6540, 0.3218,
0.2506

260.2306, 0.3151,

 0.3936, 0.3343,

0.3128

0.1874

312.2906, 0.3150,
0.3137

0.0000, 0.0000,
0.0000

46.0148, 0.3167,
0.3007

46.0148, 0.3167,
0.3007

38.8398, 0.3202,
0.2784

54.3323, 0.3136,
0.3225

32.7511, 0.3241,
0.2563

63.8333, 0.3109,
0.3433

27.6970, 0.3282,
0.2350

74.5642, 0.3085,
0.3629

23.6191, 0.3326,
0.2156

86.5668, 0.3065,
0.3811

20.4530, 0.3372,
0.1989

88.1970, 0.3051,
0.3809

■ 18.1269, 0.3417,
0.1859

■ 88.3114, 0.3039,
0.3783

■ 16.5580, 0.3460,
0.1772

■ 88.4275, 0.3026,
0.3757

■ 15.6467, 0.3501,
0.1728

■ 88.5452, 0.3013,
0.3731

■ 15.2746, 0.3528,
0.1717

■ 88.6646, 0.3001,
0.3705

Harmonies

Analogous

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



46.0148, 0.2948, 0.2928



46.0148, 0.3167, 0.3007



46.0148, 0.3381, 0.3155

Triad

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



46.0148, 0.3167, 0.3007



46.0148, 0.3477, 0.3647



46.0148, 0.2741, 0.3218

Complementary

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



46.0148, 0.3167, 0.3007



52.8749, 0.3090, 0.3590

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.



46.0148, 0.2874, 0.3426



46.0148, 0.3167, 0.3007



46.0148, 0.3297, 0.3680

Square

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



46.0148, 0.3167, 0.3007



46.0148, 0.3564, 0.3520



46.0148, 0.3076, 0.3599



46.0148, 0.2709, 0.3040

Rectangle

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



46.0148, 0.3167, 0.3007



46.0148, 0.3491, 0.3277



46.0148, 0.3076, 0.3599



46.0148, 0.2775, 0.3287

Sweetspot

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



46.0168, 0.3167, 0.3007



93.5877, 0.3139, 0.3204



43.1951, 0.2942, 0.2951



19.7817, 0.3141, 0.3187



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.



46.0168, 0.3167, 0.3007



76.3727, 0.3178, 0.2937



45.4674, 0.3273, 0.3160



10.7946, 0.3155, 0.3088



9.8283, 0.3523, 0.1714



0.4715, 0.3449, 0.1673

Inverse Universe

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



46.0168, 0.3167, 0.3007



76.3727, 0.3178, 0.2937



53.3966, 0.3001, 0.3424



10.7946, 0.3155, 0.3088



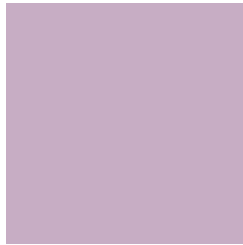
9.8283, 0.3523, 0.1714



0.4715, 0.3449, 0.1673

Previews

White Background



This preview shows how the Yxy color 46.0148, 0.3167, 0.3007 looks on a white background.

Color Contrast Check

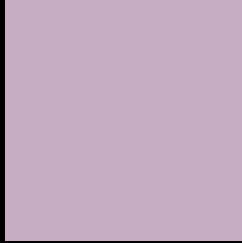
Large Text (above 18pt) WCAG AA × Fail

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 46.0148, 0.3167, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

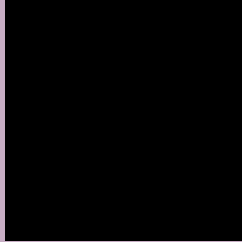
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0148, 0.3167, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 46.0148, 0.3167, 0.3007.



This preview shows how white text looks on a background with the Yxy color 46.0148, 0.3167, 0.3007.

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

46.0148, 0.3167, 0.3007

Protanopia

46.2776, 0.2956, 0.3033

Deuteranopia

46.1973, 0.3112, 0.3052



Tritanopia

45.9087, 0.3224, 0.3116

Trichromacy



Original Color

46.0148, 0.3167, 0.3007

Protanomaly

46.0069, 0.3030, 0.3012

Deuteranomaly

46.2022, 0.3139, 0.3041

Tritanomaly

46.0395, 0.3199, 0.3079

Monochromacy



Original Color

46.0148, 0.3167, 0.3007

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.6899, 0.3141, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0148, 0.3167, 0.3007 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(199, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(199, 173, 196)  
}
```

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(199, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 173, 196) }
```

Border

The CSS property to change the border of an element to Yxy 46.0148, 0.3167, 0.3007 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(199, 173, 196) }
```

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

```
.border{ border-color:rgb(199, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(199, 173,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0148, 0.3167, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 173, 196) }
```

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

```
.background{ background-color: rgb(199,  
173, 196) }
```

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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