

Converting Colors

$Y_{xy}(46.7096, 0.3290, 0.3172)$

Have a look what the booklet for
Yxy(46.7096, 0.3290, 0.3172)
contains.

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Color

Yxy(46.7193, 0.3284, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	CAAFB9
RGB	202, 175, 185
RGB Percent	79%, 69%, 73%
CMY	0.2078, 0.3137, 0.2746
CMYK	0.00, 0.13, 0.08, 0.21
HSL	338°, 20%, 74%
HSV	338°, 13%, 79%
XYZ	48.4453, 46.7193, 52.3545
YIQ	184.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

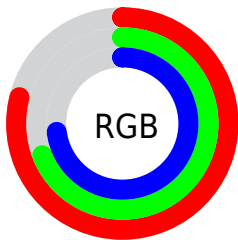
Format	Color
R _Y B	202, 175, 185
Decimal	13283257
CIE Lab	74.01, 11.43, -1.50
CIE LCh	74, 11.524, 352.542
Yxy	46.7193, 0.3284, 0.3167
Android (android.graphics.Color)	4291473337 (0xFFCAA9B9)
YUV	184.2130, 0.3880, 15.5992
Hunter-Lab	68.3515, 6.8997, 2.4323

Details

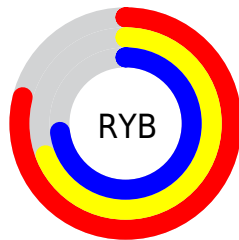
The Yxy color $46.7193, 0.3284, 0.3167$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.1688, 0.2992, 0.3416$, and the grayscale version is $48.0504, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.7627, 0.3227, 0.3192$, and $22.1278, 0.3330, 0.3141$ is the 20% darker color. If you saturate the color by 10%, you get $38.9230, 0.3432, 0.3069$, and if you desaturate by 10%, it is $55.7442, 0.3163, 0.3260$.

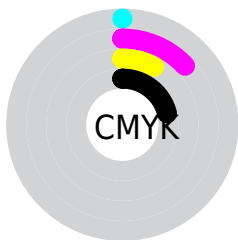
Distribution



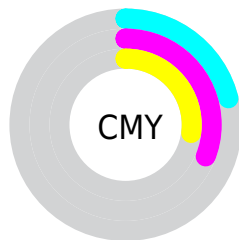
- Red (79%)
- Green (69%)
- Blue (73%)



- Red (79%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (21%)





- Cyan (21%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7193, 0.3284, 0.3167 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 46.7193, 0.3284, 0.3167 by changing the saturation by 10% instead.


 46.7193, 0.3284,
0.3167

 46.7193, 0.3284,
0.3167

373.6930, 0.3206,
0.3228

 32.8138, 0.3303,
0.3152


 85.2945, 0.3256,
0.3189

 21.9838, 0.3328,
0.3132


110.7329, 0.3245,
0.3197

 13.8450, 0.3362,
0.3107


140.7845, 0.3236,
0.3205

 8.0130, 0.3408,
0.3071

175.8336, 0.3228,
0.3211

 4.1032, 0.3477,
0.3018

216.2646, 0.3222,
0.3216

 1.7315, 0.3592,
0.2931

262.4619, 0.3216,

 0.4439, 0.4045,

0.3220

0.2562

314.8099, 0.3210,
0.3225

0.0000, 0.0000,
0.0000

46.7193, 0.3284,
0.3167

46.7193, 0.3284,
0.3167

38.9230, 0.3432,
0.3069

55.7442, 0.3163,
0.3260

32.2959, 0.3611,
0.2969

66.0416, 0.3064,
0.3347

26.7827, 0.3825,
0.2872

77.6608, 0.2982,
0.3427

22.3214, 0.4077,
0.2784

90.1303, 0.2915,
0.3492

18.8435, 0.4366,
0.2717

90.8969, 0.2849,
0.3356

■ 16.2726, 0.4682,
0.2682

■ 91.2985, 0.2816,
0.3289

■ 14.5209, 0.5009,
0.2691

■ 13.4826, 0.5322,
0.2752

■ 13.0619, 0.5516,
0.2812

Harmonies

Analogous

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



46.7193, 0.3124, 0.3065



46.7193, 0.3284, 0.3167



46.7193, 0.3403, 0.3301

Triad

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



46.7193, 0.3284, 0.3167



46.7193, 0.3282, 0.3574



46.7193, 0.2818, 0.3132

Complementary

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



46.7193, 0.3284, 0.3167



55.1688, 0.2992, 0.3416

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.



46.7193, 0.2858, 0.3269



46.7193, 0.3284, 0.3167



46.7193, 0.3124, 0.3530

Square

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



46.7193, 0.3284, 0.3167



46.7193, 0.3401, 0.3537



46.7193, 0.2969, 0.3417



46.7193, 0.2858, 0.3042

Rectangle

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



46.7193, 0.3284, 0.3167



46.7193, 0.3441, 0.3393



46.7193, 0.2969, 0.3417



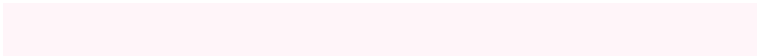
46.7193, 0.2823, 0.3174

Sweetspot

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



46.7214, 0.3284, 0.3167



93.2566, 0.3170, 0.3254



46.0877, 0.3054, 0.2954



19.6978, 0.3179, 0.3247



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.



46.7214, 0.3284, 0.3167



75.1272, 0.3323, 0.3140



47.5556, 0.3365, 0.3330



11.2811, 0.3233, 0.3205



8.4197, 0.5480, 0.2793



0.4489, 0.4944, 0.2497

Inverse Universe

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



46.7214, 0.3284, 0.3167



75.1272, 0.3323, 0.3140



54.1626, 0.2924, 0.3250



11.2811, 0.3233, 0.3205



8.4197, 0.5480, 0.2793



0.4489, 0.4944, 0.2497

Previews

White Background



This preview shows how the Yxy color 46.7193, 0.3284, 0.3167 looks on a white background.

Color Contrast Check

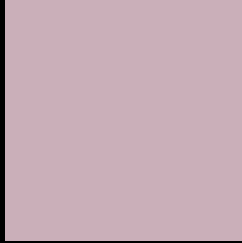
Large Text (above 18pt) WCAG AA × Fail

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 46.7193, 0.3284, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

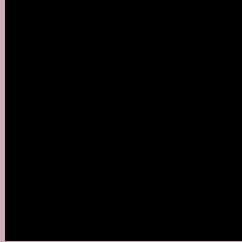
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7193, 0.3284, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 46.7193, 0.3284, 0.3167.



This preview shows how white text looks on a background with the Yxy color 46.7193, 0.3284, 0.3167.

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

46.7193, 0.3284, 0.3167

Protanopia

46.7891, 0.3081, 0.3187

Deuteranopia

46.5592, 0.3247, 0.3178



Tritanopia

46.4595, 0.3259, 0.3118

Trichromacy



Original Color

46.7193, 0.3284, 0.3167

Protanomaly

46.8182, 0.3150, 0.3176

Deuteranomaly

46.6956, 0.3256, 0.3178

Tritanomaly

46.4165, 0.3268, 0.3130

Monochromacy



Original Color

46.7193, 0.3284, 0.3167

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5848, 0.3189, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7193, 0.3284, 0.3167 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(202, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(202, 175, 185)  
}
```

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(202, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 175, 185) }
```

Border

The CSS property to change the border of an element to Yxy 46.7193, 0.3284, 0.3167 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(202, 175, 185) }
```

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

```
.border{ border-color:rgb(202, 175, 185) }
```

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

Here you see how a box with a 4 pixel rgb(202, 175, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(202, 175,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7193, 0.3284, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 175, 185) }
```

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

```
.background{ background-color: rgb(202,  
175, 185) }
```

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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