

Converting Colors

$Yxy(45.0397, 0.3313, 0.3139)$

Have a look what the booklet for
Yxy(45.0397, 0.3313, 0.3139)
contains.

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Color

Yxy(45.2412, 0.3315, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	CBABB7
RGB	203, 171, 183
RGB Percent	80%, 67%, 72%
CMY	0.2040, 0.3293, 0.2824
CMYK	0.00, 0.16, 0.10, 0.20
HSL	338°, 23%, 73%
HSV	338°, 16%, 80%
XYZ	47.7322, 45.2412, 51.0151
YIQ	181.9360, 15.2200, 10.5160

Conversions

Conversions Part 2

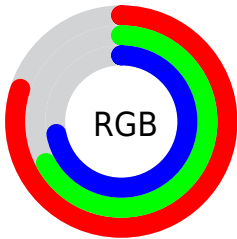
Format	Color
R _Y B	203, 171, 183
Decimal	13347767
CIE Lab	73.05, 13.59, -1.80
CIE LCh	73, 13.711, 352.447
Yxy	45.2412, 0.3315, 0.3142
Android (android.graphics.Color)	4291537847 (0xFFCBABB7)
YUV	181.9360, 0.5246, 18.4731
Hunter-Lab	67.2616, 8.9648, 2.1141

Details

The Yxy color **45.2412, 0.3315, 0.3142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1183, 0.2970, 0.3443**, and the grayscale version is **46.7329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8847, 0.3245, 0.3162**, and **21.1949, 0.3375, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **37.6495, 0.3468, 0.3042**, and if you desaturate by 10%, it is **54.0620, 0.3189, 0.3238**.

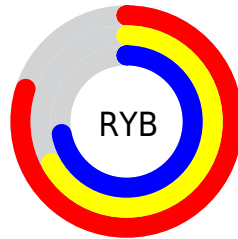
Distribution



Red (80%)

Green (67%)

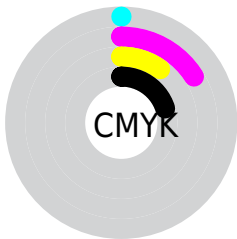
Blue (72%)



Red (80%)

Yellow (67%)

Blue (72%)

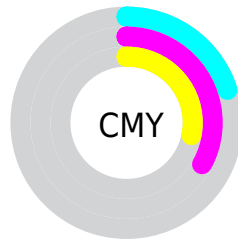


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2412, 0.3315, 0.3142 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 45.2412, 0.3315, 0.3142 by changing the saturation by 10% instead.


 45.2412, 0.3315,
0.3142

 45.2412, 0.3315,
0.3142


367.7495, 0.3221,
0.3216

 31.6475, 0.3339,
0.3124

 83.0822, 0.3281,
0.3169

 21.0924, 0.3369,
0.3100


108.0983, 0.3268,
0.3179

 13.1915, 0.3409,
0.3069

137.6906, 0.3257,
0.3187

 7.5606, 0.3466,
0.3025

172.2436, 0.3248,
0.3195

 3.8151, 0.3551,
0.2960

212.1416, 0.3240,
0.3201

 1.5707, 0.3694,
0.2853

257.7689, 0.3233,

 0.3377, 0.4398,

0.3207

0.2275

309.5101, 0.3226,
0.3211

0.0000, 0.0000,
0.0000

45.2412, 0.3315,
0.3142

45.2412, 0.3315,
0.3142

37.6495, 0.3468,
0.3042

54.0620, 0.3189,
0.3238

31.2260, 0.3654,
0.2941

64.1571, 0.3086,
0.3327

25.9138, 0.3875,
0.2843

75.5769, 0.3001,
0.3410

21.6487, 0.4134,
0.2758

88.3672, 0.2932,
0.3486

18.3599, 0.4427,
0.2696

90.8923, 0.2866,
0.3379

■ 15.9677, 0.4745,
0.2670

■ 91.4322, 0.2821,
0.3289

■ 14.3797, 0.5068,
0.2690

■ 13.4816, 0.5372,
0.2762

■ 13.2156, 0.5495,
0.2801

Harmonies

Analogous

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



45.2412, 0.3122, 0.3021



45.2412, 0.3315, 0.3142



45.2412, 0.3459, 0.3301

Triad

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



45.2412, 0.3315, 0.3142



45.2412, 0.3313, 0.3632



45.2412, 0.2758, 0.3099

Complementary

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



45.2412, 0.3315, 0.3142



55.1183, 0.2970, 0.3443

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.



45.2412, 0.2805, 0.3264



45.2412, 0.3315, 0.3142



45.2412, 0.3123, 0.3581

Square

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



45.2412, 0.3315, 0.3142



45.2412, 0.3457, 0.3586



45.2412, 0.2937, 0.3444



45.2412, 0.2805, 0.2993

Rectangle

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



45.2412, 0.3315, 0.3142



45.2412, 0.3506, 0.3412



45.2412, 0.2937, 0.3444



45.2412, 0.2763, 0.3150

Sweetspot

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



45.2432, 0.3315, 0.3142



91.6305, 0.3181, 0.3244



44.4827, 0.3039, 0.2891



19.3704, 0.3189, 0.3237



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.



45.2432, 0.3315, 0.3142



71.0888, 0.3365, 0.3107



46.1937, 0.3414, 0.3337



11.2821, 0.3232, 0.3203



8.4295, 0.5459, 0.2781



0.4495, 0.4926, 0.2487

Inverse Universe

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



45.2432, 0.3315, 0.3142



71.0888, 0.3365, 0.3107



53.9283, 0.2889, 0.3242



11.2821, 0.3232, 0.3203



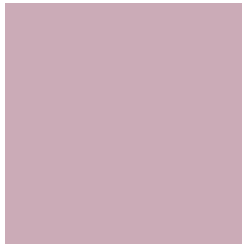
8.4295, 0.5459, 0.2781



0.4495, 0.4926, 0.2487

Previews

White Background



This preview shows how the Yxy color 45.2412, 0.3315, 0.3142 looks on a white background.

Color Contrast Check

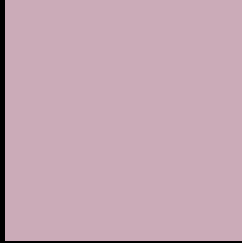
Large Text (above 18pt) WCAG AA × Fail

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 45.2412, 0.3315, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

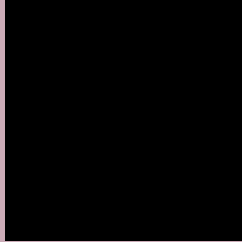
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2412, 0.3315, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 45.2412, 0.3315, 0.3142.



This preview shows how white text looks on a background with the Yxy color 45.2412, 0.3315, 0.3142.

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

45.2412, 0.3315, 0.3142

Protanopia

45.1319, 0.3073, 0.3172

Deuteranopia

45.2516, 0.3248, 0.3189



Tritanopia

45.2830, 0.3307, 0.3130

Trichromacy



Original Color

45.2412, 0.3315, 0.3142

Protanomaly

44.8965, 0.3151, 0.3149

Deuteranomaly

45.2703, 0.3276, 0.3177

Tritanomaly

45.2830, 0.3307, 0.3130

Monochromacy



Original Color

45.2412, 0.3315, 0.3142

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1653, 0.3199, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2412, 0.3315, 0.3142 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(203, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 183)  
}
```

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(203, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 183) }
```

Border

The CSS property to change the border of an element to Yxy 45.2412, 0.3315, 0.3142 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(203, 171, 183) }
```

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

```
.border{ border-color:rgb(203, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2412, 0.3315, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 183) }
```

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

```
.background{ background-color: rgb(203,  
171, 183) }
```

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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