

Converting Colors

$Yxy(45.5927, 0.3374, 0.3161)$

Have a look what the booklet for
Yxy(45.5927, 0.3374, 0.3161)
contains.

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Color

Yxy(45.3510, 0.3371, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	CFAAB5
RGB	207, 170, 181
RGB Percent	81%, 67%, 71%
CMY	0.1883, 0.3333, 0.2903
CMYK	0.00, 0.18, 0.13, 0.19
HSL	342°, 28%, 74%
HSV	342°, 18%, 81%
XYZ	48.4405, 45.3510, 49.9062
YIQ	182.3170, 18.5210, 11.2650

Conversions

Conversions Part 2

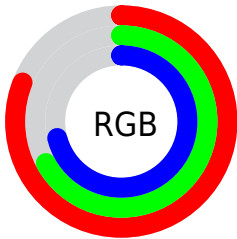
Format	Color
R _Y B	207, 170, 181
Decimal	13609653
CIE Lab	73.12, 15.24, -0.54
CIE LCh	73, 15.248, 357.954
Yxy	45.3510, 0.3371, 0.3156
Android (android.graphics.Color)	4291799733 (0xFFCFAAB5)
YUV	182.3170, -0.6493, 21.6470
Hunter-Lab	67.3432, 10.5461, 3.2020

Details

The Yxy color **45.3510, 0.3371, 0.3156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.1477, 0.2931, 0.3428**, and the grayscale version is **46.9564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2249, 0.3259, 0.3172**, and **21.1908, 0.3440, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **37.6267, 0.3552, 0.3076**, and if you desaturate by 10%, it is **54.3635, 0.3224, 0.3233**.

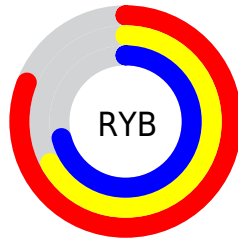
Distribution



Red (81%)

Green (67%)

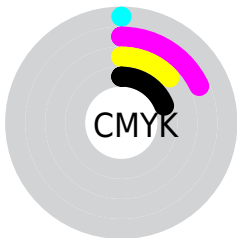
Blue (71%)



Red (81%)

Yellow (67%)

Blue (71%)

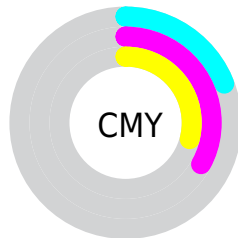


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (19%)



Cyan (19%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3510, 0.3371, 0.3156 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 45.3510, 0.3371, 0.3156 by changing the saturation by 10% instead.

 45.3510, 0.3371,
0.3156

 45.3510, 0.3371,
0.3156


368.1933, 0.3249,
0.3223

 31.7340, 0.3402,
0.3139


 83.2469, 0.3326,
0.3180

 21.1584, 0.3441,
0.3117


108.2945, 0.3310,
0.3190

 13.2398, 0.3494,
0.3089


137.9212, 0.3296,
0.3197

 7.5939, 0.3569,
0.3048

172.5112, 0.3283,
0.3204

 3.8362, 0.3681,
0.2987

212.4491, 0.3273,
0.3210

 1.5824, 0.3868,
0.2886

258.1191, 0.3264,

 0.3457, 0.4796,

0.3215

0.2367

309.9057, 0.3256,
0.3219

0.0000, 0.0000,
0.0000

45.3510, 0.3371,
0.3156

45.3510, 0.3371,
0.3156

37.6267, 0.3552,
0.3076

54.3635, 0.3224,
0.3233

31.1256, 0.3771,
0.2996

64.7132, 0.3103,
0.3305

25.7861, 0.4034,
0.2921

76.4540, 0.3006,
0.3372

21.5389, 0.4342,
0.2859

89.6349, 0.2926,
0.3433

18.3073, 0.4687,
0.2821

91.9227, 0.2850,
0.3302

■ 16.0044, 0.5054,
0.2818

■ 92.0019, 0.2843,
0.3289

■ 14.5286, 0.5413,
0.2861

■ 13.7344, 0.5730,
0.2946

■ 13.6032, 0.5793,
0.2965

Harmonies

Analogous

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



45.3510, 0.3162, 0.3012



45.3510, 0.3371, 0.3156



45.3510, 0.3516, 0.3336

Triad

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



45.3510, 0.3371, 0.3156



45.3510, 0.3297, 0.3669



45.3510, 0.2719, 0.3050

Complementary

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



45.3510, 0.3371, 0.3156



57.1477, 0.2931, 0.3428

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.



45.3510, 0.2753, 0.3224



45.3510, 0.3371, 0.3156



45.3510, 0.3082, 0.3593

Square

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



45.3510, 0.3371, 0.3156



45.3510, 0.3470, 0.3636



45.3510, 0.2884, 0.3426



45.3510, 0.2790, 0.2948

Rectangle

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



45.3510, 0.3371, 0.3156



45.3510, 0.3554, 0.3456



45.3510, 0.2884, 0.3426



45.3510, 0.2719, 0.3101

Sweetspot

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



45.3530, 0.3371, 0.3156



91.5690, 0.3187, 0.3254



44.9802, 0.3052, 0.2838



19.3555, 0.3196, 0.3248



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.



45.3530, 0.3371, 0.3156



68.2708, 0.3428, 0.3129



47.7707, 0.3454, 0.3382



11.8651, 0.3245, 0.3221



8.5875, 0.5757, 0.2945



0.4941, 0.5226, 0.2652

Inverse Universe

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



45.3530, 0.3371, 0.3156



68.2708, 0.3428, 0.3129



54.1677, 0.2856, 0.3196



11.8651, 0.3245, 0.3221



8.5875, 0.5757, 0.2945



0.4941, 0.5226, 0.2652

Previews

White Background



This preview shows how the Yxy color 45.3510, 0.3371, 0.3156 looks on a white background.

Color Contrast Check

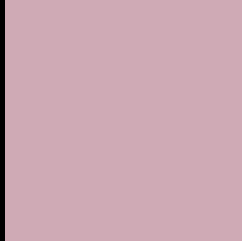
Large Text (above 18pt) WCAG AA × Fail

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 45.3510, 0.3371, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

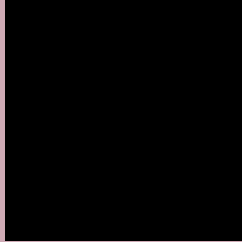
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3510, 0.3371, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 45.3510, 0.3371, 0.3156.



This preview shows how white text looks on a background with the Yxy color 45.3510, 0.3371, 0.3156.

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

45.3510, 0.3371, 0.3156

Protanopia

45.6091, 0.3089, 0.3199

Deuteranopia

45.4377, 0.3283, 0.3215



Tritanopia

45.4337, 0.3353, 0.3131

Trichromacy



Original Color

45.3510, 0.3371, 0.3156

Protanomaly

45.4585, 0.3185, 0.3188

Deuteranomaly

45.5999, 0.3320, 0.3203

Tritanomaly

45.3922, 0.3362, 0.3143

Monochromacy



Original Color

45.3510, 0.3371, 0.3156

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2946, 0.3208, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3510, 0.3371, 0.3156 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(207, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(207, 170, 181)  
}
```

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(207, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 170, 181) }
```

Border

The CSS property to change the border of an element to Yxy 45.3510, 0.3371, 0.3156 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(207, 170, 181) }
```

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

```
.border{ border-color:rgb(207, 170, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 170, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(207, 170,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3510, 0.3371, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 170, 181) }
```

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

```
.background{ background-color: rgb(207,  
170, 181) }
```

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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