

Converting Colors

$Yxy(45.0123, 0.3407, 0.3140)$

Have a look what the booklet for
Yxy(45.0123, 0.3407, 0.3140)
contains.

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Color

Yxy(45.0022, 0.3411, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	D2A8B4
RGB	210, 168, 180
RGB Percent	82%, 66%, 71%
CMY	0.1764, 0.3412, 0.2940
CMYK	0.00, 0.20, 0.14, 0.18
HSL	343°, 32%, 74%
HSV	343°, 20%, 82%
XYZ	48.8240, 45.0022, 49.3106
YIQ	181.9260, 21.1800, 12.6360

Conversions

Conversions Part 2

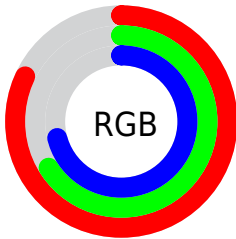
Format	Color
R _Y B	210, 168, 180
Decimal	13805748
CIE Lab	72.89, 17.28, -0.32
CIE LCh	73, 17.280, 358.927
Yxy	45.0022, 0.3411, 0.3144
Android (android.graphics.Color)	4291995828 (0xFFD2A8B4)
YUV	181.9260, -0.9495, 24.6209
Hunter-Lab	67.0837, 12.5171, 3.3768

Details

The Yxy color **45.0022, 0.3411, 0.3144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.4990, 0.2905, 0.3441**, and the grayscale version is **46.7357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0915, 0.3267, 0.3162**, and **20.9917, 0.3497, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **37.2880, 0.3603, 0.3066**, and if you desaturate by 10%, it is **54.0387, 0.3255, 0.3219**.

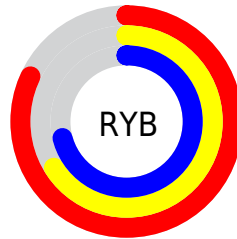
Distribution



Red (82%)

Green (66%)

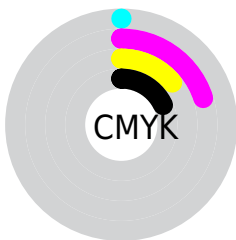
Blue (71%)



Red (82%)

Yellow (66%)

Blue (71%)

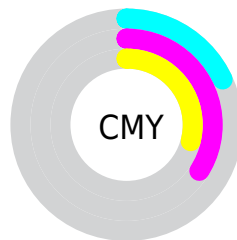


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (18%)



Cyan (18%)


Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0022, 0.3411, 0.3144 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 45.0022, 0.3411, 0.3144 by changing the saturation by 10% instead.


 45.0022, 0.3411,
0.3144


 45.0022, 0.3411,
0.3144

366.7825, 0.3268,
0.3217

 31.4592, 0.3447,
0.3126

 82.7237, 0.3359,
0.3171

 20.9487, 0.3493,
0.3102


 107.6710, 0.3339,
0.3181

 13.0865, 0.3555,
0.3070

137.1884, 0.3323,
0.3189

 7.4882, 0.3642,
0.3025

171.6605, 0.3309,
0.3197

 3.7692, 0.3774,
0.2958

211.4715, 0.3297,
0.3203

 1.5453, 0.3994,
0.2846

257.0059, 0.3286,

 0.3203, 0.5122,

0.3208

0.2259

308.6481, 0.3277,
0.3213

0.0000, 0.0000,
0.0000

45.0022, 0.3411,
0.3144

45.0022, 0.3411,
0.3144

37.2880, 0.3603,
0.3066

54.0387, 0.3255,
0.3219

30.8278, 0.3835,
0.2989

64.4495, 0.3127,
0.3290

25.5568, 0.4113,
0.2919

76.2910, 0.3024,
0.3355

21.4012, 0.4435,
0.2864

89.6147, 0.2939,
0.3415

18.2796, 0.4794,
0.2835

92.4403, 0.2861,
0.3290

■ 16.0989, 0.5167,
0.2843

■ 92.4432, 0.2860,
0.3289

■ 14.7491, 0.5523,
0.2897

■ 14.0312, 0.5831,
0.2986

Harmonies

Analogous

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



45.0022, 0.3174, 0.2981



45.0022, 0.3411, 0.3144



45.0022, 0.3573, 0.3347

Triad

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



45.0022, 0.3411, 0.3144



45.0022, 0.3311, 0.3722



45.0022, 0.2666, 0.3011

Complementary

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



45.0022, 0.3411, 0.3144



58.4990, 0.2905, 0.3441

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.



45.0022, 0.2700, 0.3206



45.0022, 0.3411, 0.3144



45.0022, 0.3066, 0.3631

Square

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



45.0022, 0.3411, 0.3144



45.0022, 0.3512, 0.3685



45.0022, 0.2844, 0.3437



45.0022, 0.2749, 0.2900

Rectangle

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



45.0022, 0.3411, 0.3144



45.0022, 0.3613, 0.3482



45.0022, 0.2844, 0.3437



45.0022, 0.2665, 0.3068

Sweetspot

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



45.0042, 0.3411, 0.3144



89.9404, 0.3201, 0.3248



44.5833, 0.3041, 0.2780



19.0269, 0.3210, 0.3243



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.



45.0042, 0.3411, 0.3144



64.4745, 0.3488, 0.3111



47.7381, 0.3502, 0.3394



11.8631, 0.3246, 0.3224



8.5730, 0.5793, 0.2965



0.4931, 0.5260, 0.2671

Inverse Universe

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



45.0042, 0.3411, 0.3144



64.4745, 0.3488, 0.3111



55.0355, 0.2823, 0.3184



11.8631, 0.3246, 0.3224



8.5730, 0.5793, 0.2965



0.4931, 0.5260, 0.2671

Previews

White Background



This preview shows how the Yxy color 45.0022, 0.3411, 0.3144 looks on a white background.

Color Contrast Check

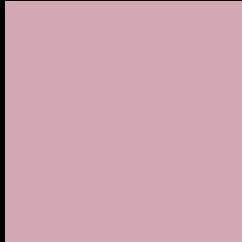
Large Text (above 18pt) WCAG AA × Fail

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 45.0022, 0.3411, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

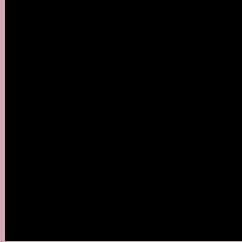
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0022, 0.3411, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 45.0022, 0.3411, 0.3144.



This preview shows how white text looks on a background with the Yxy color 45.0022, 0.3411, 0.3144.

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

45.0022, 0.3411, 0.3144

Protanopia

45.0893, 0.3080, 0.3185

Deuteranopia

44.8776, 0.3284, 0.3214



Tritanopia

45.0431, 0.3402, 0.3132

Trichromacy



Original Color

45.0022, 0.3411, 0.3144

Protanomaly

44.8092, 0.3195, 0.3162

Deuteranomaly

44.7980, 0.3332, 0.3190

Tritanomaly

45.0431, 0.3402, 0.3132

Monochromacy



Original Color

45.0022, 0.3411, 0.3144

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9869, 0.3226, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0022, 0.3411, 0.3144 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(210, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(210, 168, 180)  
}
```

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(210, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 168, 180) }
```

Border

The CSS property to change the border of an element to Yxy 45.0022, 0.3411, 0.3144 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(210, 168, 180) }
```

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

```
.border{ border-color:rgb(210, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(210, 168,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0022, 0.3411, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 168, 180) }
```

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

```
.background{ background-color: rgb(210,  
168, 180) }
```

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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