

Converting Colors

$Yxy(44.5902, 0.3304, 0.3136)$

Have a look what the booklet for
Yxy(44.5902, 0.3304, 0.3136)
contains.

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Color

Yxy(44.5444, 0.3307, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	C9AAB6
RGB	201, 170, 182
RGB Percent	79%, 67%, 71%
CMY	0.2119, 0.3333, 0.2863
CMYK	0.00, 0.15, 0.09, 0.21
HSL	337°, 22%, 73%
HSV	337°, 15%, 79%
XYZ	46.8985, 44.5444, 50.3730
YIQ	180.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

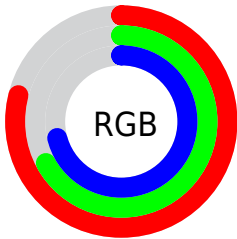
Format	Color
R _Y B	201, 170, 182
Decimal	13216438
CIE Lab	72.59, 13.25, -1.94
CIE LCh	73, 13.387, 351.667
Yxy	44.5444, 0.3307, 0.3141
Android (android.graphics.Color)	4291406518 (0xFFC9AAB6)
YUV	180.6370, 0.6720, 17.8584
Hunter-Lab	66.7416, 8.6321, 1.9701

Details

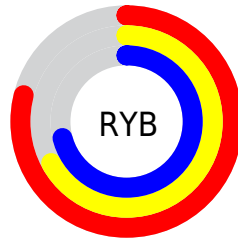
The Yxy color **44.5444, 0.3307, 0.3141** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9827, 0.2976, 0.3444**, and the grayscale version is **45.9920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2835, 0.3252, 0.3162**, and **20.7449, 0.3364, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **37.0902, 0.3456, 0.3038**, and if you desaturate by 10%, it is **53.1993, 0.3184, 0.3239**.

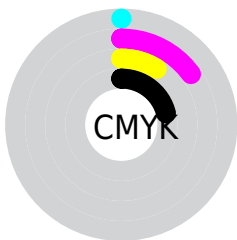
Distribution



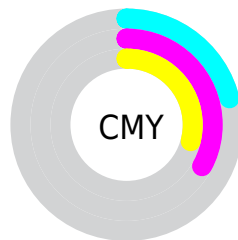
- Red (79%)
- Green (67%)
- Blue (71%)



- Red (79%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (21%)




- Cyan (21%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5444, 0.3307, 0.3141 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 44.5444, 0.3307, 0.3141 by changing the saturation by 10% instead.

 44.5444, 0.3307,
0.3141

 44.5444, 0.3307,
0.3141


364.9252, 0.3217,
0.3216

 31.0987, 0.3330,
0.3122


 82.0363, 0.3274,
0.3168

 20.6740, 0.3359,
0.3099


106.8513, 0.3262,
0.3178

 12.8859, 0.3398,
0.3067

136.2249, 0.3251,
0.3187

 7.3501, 0.3453,
0.3022

170.5415, 0.3242,
0.3194

 3.6820, 0.3536,
0.2956

210.1854, 0.3235,
0.3201

 1.4973, 0.3674,
0.2846

255.5411, 0.3228,

 0.2868, 0.4478,

0.3206

0.2155

306.9929, 0.3222,
0.3211

0.0000, 0.0000,
0.0000

44.5444, 0.3307,
0.3141

44.5444, 0.3307,
0.3141

37.0902, 0.3456,
0.3038

53.1993, 0.3184,
0.3239

30.7774, 0.3637,
0.2934

63.0989, 0.3083,
0.3332

25.5508, 0.3852,
0.2833

74.2922, 0.3001,
0.3417

21.3479, 0.4104,
0.2745

86.8239, 0.2933,
0.3495

18.1000, 0.4389,
0.2679

90.4424, 0.2869,
0.3409

■ 15.7299, 0.4698,
0.2648

■ 91.1537, 0.2810,
0.3289

■ 14.1478, 0.5015,
0.2665

■ 13.2444, 0.5315,
0.2733

■ 12.9594, 0.5447,
0.2774

Harmonies

Analogous

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



44.5444, 0.3118, 0.3024



44.5444, 0.3307, 0.3141



44.5444, 0.3450, 0.3297

Triad

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



44.5444, 0.3307, 0.3141



44.5444, 0.3314, 0.3626



44.5444, 0.2764, 0.3107

Complementary

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



44.5444, 0.3307, 0.3141



53.9827, 0.2976, 0.3444

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.



44.5444, 0.2814, 0.3270



44.5444, 0.3307, 0.3141



44.5444, 0.3128, 0.3578

Square

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



44.5444, 0.3307, 0.3141



44.5444, 0.3453, 0.3579



44.5444, 0.2945, 0.3445



44.5444, 0.2808, 0.3000

Rectangle

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



44.5444, 0.3307, 0.3141



44.5444, 0.3498, 0.3405



44.5444, 0.2945, 0.3445



44.5444, 0.2770, 0.3156

Sweetspot

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



44.5464, 0.3307, 0.3141



91.6397, 0.3180, 0.3243



43.7382, 0.3037, 0.2900



19.3726, 0.3188, 0.3236



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.



44.5464, 0.3307, 0.3141



72.4475, 0.3347, 0.3112



45.2470, 0.3408, 0.3330



10.7037, 0.3230, 0.3201



8.1676, 0.5410, 0.2754



0.4009, 0.4848, 0.2445

Inverse Universe

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



44.5464, 0.3307, 0.3141



72.4475, 0.3347, 0.3112



53.0956, 0.2894, 0.3250



10.7037, 0.3230, 0.3201



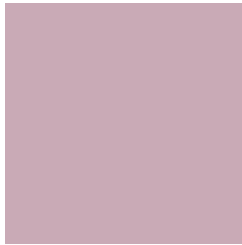
8.1676, 0.5410, 0.2754



0.4009, 0.4848, 0.2445

Previews

White Background



This preview shows how the Yxy color 44.5444, 0.3307, 0.3141 looks on a white background.

Color Contrast Check

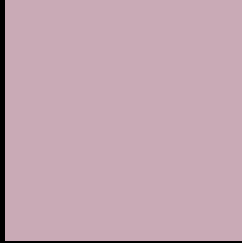
Large Text (above 18pt) WCAG AA × Fail

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 44.5444, 0.3307, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

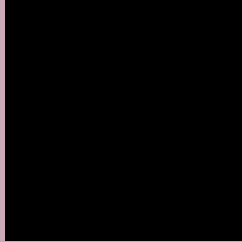
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5444, 0.3307, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 44.5444, 0.3307, 0.3141.



This preview shows how white text looks on a background with the Yxy color 44.5444, 0.3307, 0.3141.

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

44.5444, 0.3307, 0.3141

Protanopia

44.5732, 0.3072, 0.3172

Deuteranopia

44.6927, 0.3248, 0.3189



Tritanopia

44.5859, 0.3298, 0.3128

Trichromacy



Original Color

44.5444, 0.3307, 0.3141

Protanomaly

44.3397, 0.3151, 0.3148

Deuteranomaly

44.7116, 0.3277, 0.3177

Tritanomaly

44.5859, 0.3298, 0.3128

Monochromacy



Original Color

44.5444, 0.3307, 0.3141

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4718, 0.3191, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5444, 0.3307, 0.3141 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(201, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 182)  
}
```

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(201, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.5444, 0.3307, 0.3141 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(201, 170, 182) }
```

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

```
.border{ border-color:rgb(201, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5444, 0.3307, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 182) }
```

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

```
.background{ background-color: rgb(201,  
170, 182) }
```

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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