

Converting Colors

$Y_{xy}(44.2662, 0.3214, 0.3010)$

Have a look what the booklet for
Yxy(44.2662, 0.3214, 0.3010)
contains.

Yxy(44.4169, 0.3221, 0.3018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.4169, 0.3221, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	C8A9BF
RGB	200, 169, 191
RGB Percent	78%, 66%, 75%
CMY	0.2158, 0.3372, 0.2511
CMYK	0.00, 0.15, 0.04, 0.22
HSL	317°, 22%, 72%
HSV	317°, 15%, 78%
XYZ	47.4045, 44.4169, 55.3519
YIQ	180.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

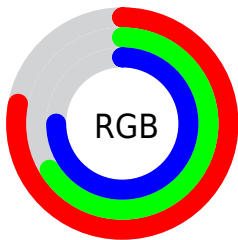
Format	Color
R _Y B	200, 169, 191
Decimal	13150655
CIE Lab	72.51, 15.03, -7.02
CIE LCh	73, 16.586, 334.949
Yxy	44.4169, 0.3221, 0.3018
Android (android.graphics.Color)	4291340735 (0xFFC8A9BF)
YUV	180.7770, 5.0399, 16.8586
Hunter-Lab	66.6460, 10.3344, -2.5902

Details

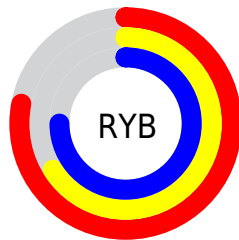
The Yxy color **44.4169, 0.3221, 0.3018** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9496, 0.3045, 0.3578**, and the grayscale version is **46.0488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2867, 0.3193, 0.3065**, and **20.6685, 0.3243, 0.2940** is the 20% darker color. If you saturate the color by 10%, you get **37.2868, 0.3295, 0.2835**, and if you desaturate by 10%, it is **52.6990, 0.3158, 0.3196**.

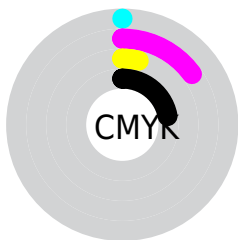
Distribution



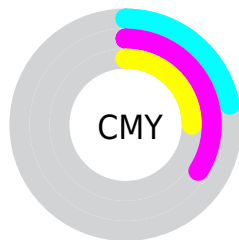
- Red (78%)
- Green (66%)
- Blue (75%)



- Red (78%)
- Yellow (66%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4169, 0.3221, 0.3018 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 44.4169, 0.3221, 0.3018 by changing the saturation by 10% instead.


 44.4169, 0.3221,
0.3018


 44.4169, 0.3221,
0.3018


364.4068, 0.3175,
0.3152

 30.9984, 0.3232,
0.2985


 81.8447, 0.3205,
0.3066

 20.5976, 0.3246,
0.2943


 106.6228, 0.3198,
0.3085

 12.8302, 0.3265,
0.2888


135.9562, 0.3193,
0.3100

 7.3117, 0.3290,
0.2811

170.2293, 0.3188,
0.3114

 3.6578, 0.3327,
0.2699

209.8266, 0.3184,
0.3125

 1.4840, 0.3385,
0.2520

255.1323, 0.3181,

 0.2775, 0.3707,

0.3135

0.1631

306.5309, 0.3178,
0.3144

0.0000, 0.0000,
0.0000

44.4169, 0.3221,
0.3018

44.4169, 0.3221,
0.3018

37.2868, 0.3295,
0.2835

52.6990, 0.3158,
0.3196

31.2512, 0.3380,
0.2652

62.1758, 0.3104,
0.3365

26.2566, 0.3477,
0.2475

72.8945, 0.3059,
0.3524

22.2423, 0.3584,
0.2315

84.8986, 0.3021,
0.3672

19.1415, 0.3700,
0.2182

88.9656, 0.2989,
0.3668

■ 16.8792, 0.3821,
0.2086

■ 89.2790, 0.2958,
0.3603

■ 15.3679, 0.3943,
0.2035

■ 89.6033, 0.2926,
0.3539

■ 14.5006, 0.4063,
0.2033

■ 89.9384, 0.2896,
0.3476

■ 14.2248, 0.4117,
0.2042

■ 90.2847, 0.2865,
0.3413

Harmonies

Analogous

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



44.4169, 0.2983, 0.2916



44.4169, 0.3221, 0.3018



44.4169, 0.3440, 0.3187

Triad

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



44.4169, 0.3221, 0.3018



44.4169, 0.3466, 0.3688



44.4169, 0.2700, 0.3167

Complementary

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



44.4169, 0.3221, 0.3018



52.9496, 0.3045, 0.3578

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.



44.4169, 0.2819, 0.3388



44.4169, 0.3221, 0.3018



44.4169, 0.3259, 0.3698

Square

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



44.4169, 0.3221, 0.3018



44.4169, 0.3583, 0.3569



44.4169, 0.3022, 0.3587



44.4169, 0.2690, 0.2992

Rectangle

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



44.4169, 0.3221, 0.3018



44.4169, 0.3542, 0.3319



44.4169, 0.3022, 0.3587



44.4169, 0.2728, 0.3238

Sweetspot

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



44.4188, 0.3221, 0.3018



91.8968, 0.3155, 0.3203



41.9911, 0.2952, 0.2888



19.4352, 0.3159, 0.3191



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.



44.4188, 0.3221, 0.3018



72.0139, 0.3248, 0.2949



43.7819, 0.3355, 0.3206



10.7620, 0.3181, 0.3128



9.0632, 0.4101, 0.2033



0.4413, 0.3873, 0.1907

Inverse Universe

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



44.4188, 0.3221, 0.3018



72.0139, 0.3248, 0.2949



53.5969, 0.2940, 0.3376



10.7620, 0.3181, 0.3128



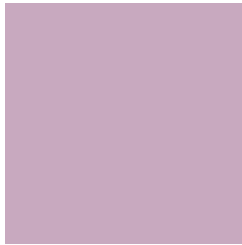
9.0632, 0.4101, 0.2033



0.4413, 0.3873, 0.1907

Previews

White Background



This preview shows how the Yxy color 44.4169, 0.3221, 0.3018 looks on a white background.

Color Contrast Check

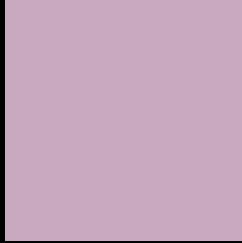
Large Text (above 18pt) WCAG AA × Fail

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 44.4169, 0.3221, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

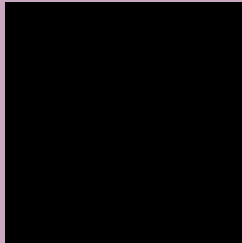
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4169, 0.3221, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 44.4169, 0.3221, 0.3018.



This preview shows how white text looks on a background with the Yxy color 44.4169, 0.3221, 0.3018.

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

44.4169, 0.3221, 0.3018

Protanopia

44.6599, 0.2969, 0.3042

Deuteranopia

44.5520, 0.3137, 0.3074



Tritanopia

44.3523, 0.3271, 0.3115

Trichromacy



Original Color

44.4169, 0.3221, 0.3018

Protanomaly

44.4814, 0.3061, 0.3034

Deuteranomaly

44.6921, 0.3173, 0.3063

Tritanomaly

44.4794, 0.3245, 0.3078

Monochromacy



Original Color

44.4169, 0.3221, 0.3018

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6384, 0.3158, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4169, 0.3221, 0.3018 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(200, 169, 191)` looks like.

```
.text, #text, p{  
    color:rgb(200, 169, 191)  
}
```

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(200, 169, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 169, 191) }
```

Border

The CSS property to change the border of an element to Yxy 44.4169, 0.3221, 0.3018 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(200, 169, 191) }
```

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

```
.border{ border-color:rgb(200, 169, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 169, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 169, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 169, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 169,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4169, 0.3221, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 169, 191) }
```

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

```
.background{ background-color: rgb(200,  
169, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor