

Converting Colors

$Y_{xy}(42.4140, 0.3322, 0.3166)$

Have a look what the booklet for
Yxy(42.4140, 0.3322, 0.3166)
contains.

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Color

Yxy(42.6423, 0.3328, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	C5A7B0
RGB	197, 167, 176
RGB Percent	77%, 65%, 69%
CMY	0.2274, 0.3451, 0.3099
CMYK	0.00, 0.15, 0.11, 0.23
HSL	342°, 21%, 71%
HSV	342°, 15%, 77%
XYZ	44.6831, 42.6423, 46.9388
YIQ	176.9960, 14.9910, 9.1590

Conversions

Conversions Part 2

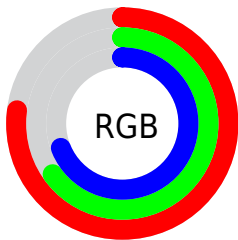
Format	Color
RYB	197, 167, 176
Decimal	12953520
CIELab	71.31, 12.44, -0.55
CIELCh	71, 12.450, 357.479
Yxy	42.6423, 0.3328, 0.3176
Android (android.graphics.Color)	4291143600 (0xFFC5A7B0)
YUV	176.9960, -0.4910, 17.5435
Hunter-Lab	65.3011, 7.8641, 3.0928

Details

The Yxy color **42.6423, 0.3328, 0.3176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.7896, 0.2960, 0.3407**, and the grayscale version is **43.9622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1396, 0.3288, 0.3191**, and **19.5563, 0.3382, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **35.4479, 0.3498, 0.3096**, and if you desaturate by 10%, it is **50.9958, 0.3189, 0.3252**.

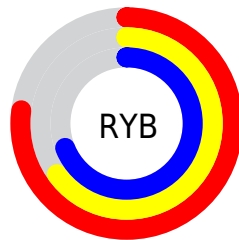
Distribution



Red (77%)

Green (65%)

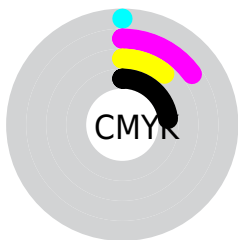
Blue (69%)



Red (77%)

Yellow (65%)

Blue (69%)

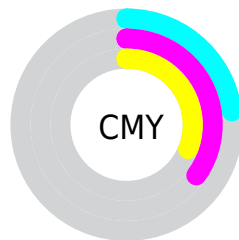


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (23%)



Cyan (23%)


Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6423, 0.3328, 0.3176 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 42.6423, 0.3328, 0.3176 by changing the saturation by 10% instead.


 42.6423, 0.3328,
0.3176

 42.6423, 0.3328,
0.3176

357.1387, 0.3226,
0.3234

 29.6046, 0.3354,
0.3161


 79.1708, 0.3291,
0.3197

 19.5386, 0.3388,
0.3142


 103.4303, 0.3277,
0.3205

 12.0601, 0.3433,
0.3117


132.1993, 0.3265,
0.3212

 6.7846, 0.3497,
0.3081

165.8620, 0.3255,
0.3217

 3.3278, 0.3596,
0.3025

204.8029, 0.3246,
0.3222

 1.3052, 0.3765,
0.2931

249.4064, 0.3239,

 0.1452, 0.5639,

0.3227

0.1854

300.0568, 0.3232,
0.3230

0.0000, 0.0000,
0.0000

42.6423, 0.3328,
0.3176

42.6423, 0.3328,
0.3176

35.4479, 0.3498,
0.3096

50.9958, 0.3189,
0.3252

29.3557, 0.3705,
0.3015

60.5507, 0.3076,
0.3323

24.3125, 0.3954,
0.2938

71.3542, 0.2984,
0.3389

20.2582, 0.4247,
0.2871

83.4494, 0.2908,
0.3448

17.1269, 0.4581,
0.2824

89.9870, 0.2840,
0.3395

■ 14.8445, 0.4942,
0.2810

■ 90.6130, 0.2789,
0.3289

■ 13.3251, 0.5304,
0.2839

■ 12.4643, 0.5634,
0.2914

■ 12.1881, 0.5777,
0.2956

Harmonies

Analogous

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



42.6423, 0.3154, 0.3055



42.6423, 0.3328, 0.3176



42.6423, 0.3449, 0.3327

Triad

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



42.6423, 0.3328, 0.3176



42.6423, 0.3272, 0.3605



42.6423, 0.2785, 0.3093

Complementary

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



42.6423, 0.3328, 0.3176



51.7896, 0.2960, 0.3407

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.



42.6423, 0.2815, 0.3239



42.6423, 0.3328, 0.3176



42.6423, 0.3093, 0.3542

Square

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



42.6423, 0.3328, 0.3176



42.6423, 0.3415, 0.3578



42.6423, 0.2927, 0.3406



42.6423, 0.2844, 0.3005

Rectangle

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



42.6423, 0.3328, 0.3176



42.6423, 0.3482, 0.3428



42.6423, 0.2927, 0.3406



42.6423, 0.2785, 0.3136

Sweetspot

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



42.6442, 0.3328, 0.3176



91.5709, 0.3187, 0.3253



42.3627, 0.3065, 0.2908



19.3560, 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.



42.6442, 0.3328, 0.3176



72.2285, 0.3376, 0.3152



44.5517, 0.3398, 0.3368



10.6883, 0.3243, 0.3221



8.0279, 0.5743, 0.2937



0.3931, 0.5135, 0.2602

Inverse Universe

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



42.6442, 0.3328, 0.3176



72.2285, 0.3376, 0.3152



49.5162, 0.2896, 0.3211



10.6883, 0.3243, 0.3221



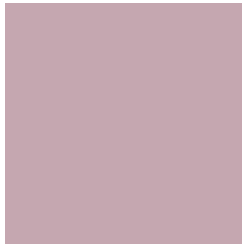
8.0279, 0.5743, 0.2937



0.3931, 0.5135, 0.2602

Previews

White Background



This preview shows how the Yxy color 42.6423, 0.3328, 0.3176 looks on a white background.

Color Contrast Check

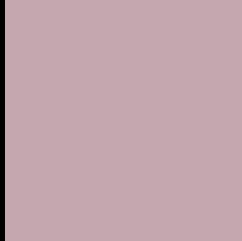
Large Text (above 18pt) WCAG AA × Fail

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 42.6423, 0.3328, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

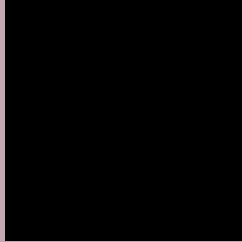
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6423, 0.3328, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 42.6423, 0.3328, 0.3176.



This preview shows how white text looks on a background with the Yxy color 42.6423, 0.3328, 0.3176.

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

42.6423, 0.3328, 0.3176

Protanopia

42.7975, 0.3096, 0.3210

Deuteranopia

42.5869, 0.3269, 0.3200



Tritanopia

42.3974, 0.3302, 0.3125

Trichromacy



Original Color

42.6423, 0.3328, 0.3176

Protanomaly

42.5708, 0.3177, 0.3185

Deuteranomaly

42.4773, 0.3289, 0.3187

Tritanomaly

42.3571, 0.3311, 0.3138

Monochromacy



Original Color

42.6423, 0.3328, 0.3176

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2518, 0.3192, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6423, 0.3328, 0.3176 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(197, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 167, 176)  
}
```

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(197, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 167, 176) }
```

Border

The CSS property to change the border of an element to Yxy 42.6423, 0.3328, 0.3176 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(197, 167, 176) }
```

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

```
.border{ border-color:rgb(197, 167, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 167, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 167, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 167,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6423, 0.3328, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 167, 176) }
```

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

```
.background{ background-color: rgb(197,  
167, 176) }
```

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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