

Converting Colors

$Yxy(42.7775, 0.3441, 0.3243)$

Have a look what the booklet for
Yxy(42.7775, 0.3441, 0.3243)
contains.

Yxy(42.8712, 0.3441, 0.3241)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.8712, 0.3441, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	CBA6AA
RGB	203, 166, 170
RGB Percent	80%, 65%, 67%
CMY	0.2039, 0.3490, 0.3335
CMYK	0.00, 0.18, 0.16, 0.20
HSL	354°, 26%, 72%
HSV	354°, 18%, 80%
XYZ	45.5168, 42.8712, 43.8897
YIQ	177.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

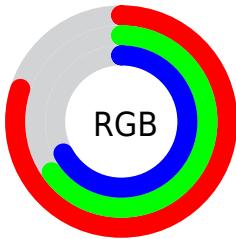
Format	Color
R_{YB}	203, 166, 170
Decimal	13346474
CIE Lab	71.47, 14.17, 3.07
CIE LCh	71, 14.497, 12.210
Yxy	42.8712, 0.3441, 0.3241
Android (android.graphics.Color)	4291536554 (0xFFCBA6AA)
YUV	177.5190, -3.7069, 22.3468
Hunter-Lab	65.4761, 9.5039, 6.0902

Details

The Yxy color $42.8712, 0.3441, 0.3241$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $54.9427, 0.2881, 0.3340$, and the grayscale version is $44.2652, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4091, 0.3345, 0.3251$, and $19.6385, 0.3528, 0.3223$ is the 20% darker color. If you saturate the color by 10%, you get $35.4264, 0.3674, 0.3212$, and if you desaturate by 10%, it is $51.5793, 0.3253, 0.3269$.

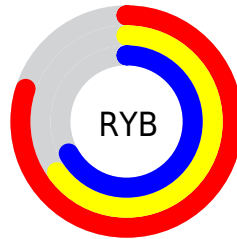
Distribution



Red (80%)

Green (65%)

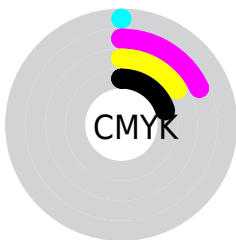
Blue (67%)



Red (80%)

Yellow (65%)

Blue (67%)

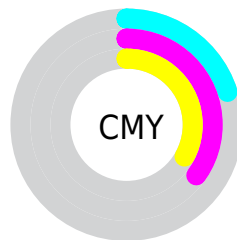


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (20%)



Cyan (20%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8712, 0.3441, 0.3241 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 42.8712, 0.3441, 0.3241 by changing the saturation by 10% instead.

 42.8712, 0.3441,
0.3241

 42.8712, 0.3441,
0.3241


358.0818, 0.3281,
0.3267

 29.7841, 0.3482,
0.3234


 79.5165, 0.3382,
0.3251

 19.6747, 0.3535,
0.3224


 103.8434, 0.3360,
0.3255

 12.1588, 0.3607,
0.3211


132.6857, 0.3342,
0.3258

 6.8519, 0.3709,
0.3192

166.4278, 0.3326,
0.3260

 3.3697, 0.3866,
0.3160

205.4540, 0.3313,
0.3262

 1.3276, 0.4137,
0.3101

250.1489, 0.3301,

 0.1625, 0.7549,

0.3264

0.2451

300.8967, 0.3290,
0.3266

0.0000, 0.0000,
0.0000

42.8712, 0.3441,
0.3241

42.8712, 0.3441,
0.3241

35.4264, 0.3674,
0.3212

51.5793, 0.3253,
0.3269

29.1807, 0.3960,
0.3184

61.5995, 0.3103,
0.3294

24.0731, 0.4307,
0.3159

72.9850, 0.2981,
0.3318

20.0350, 0.4710,
0.3141

85.7844, 0.2883,
0.3340

16.9901, 0.5153,
0.3136

91.4357, 0.2822,
0.3289

■ 14.8522, 0.5595,
0.3150

■ 13.5205, 0.5978,
0.3183

■ 12.8442, 0.6246,
0.3229

■ 12.7526, 0.6283,
0.3235

Harmonies

Analogous

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



42.8712, 0.3261, 0.3080



42.8712, 0.3441, 0.3241



42.8712, 0.3535, 0.3419

Triad

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



42.8712, 0.3441, 0.3241



42.8712, 0.3194, 0.3635



42.8712, 0.2752, 0.3000

Complementary

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



42.8712, 0.3441, 0.3241



54.9427, 0.2881, 0.3340

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.



42.8712, 0.2736, 0.3139



42.8712, 0.3441, 0.3241



42.8712, 0.2987, 0.3514

Square

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



42.8712, 0.3441, 0.3241



42.8712, 0.3388, 0.3653



42.8712, 0.2821, 0.3329



42.8712, 0.2865, 0.2942

Rectangle

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



42.8712, 0.3441, 0.3241



42.8712, 0.3534, 0.3525



42.8712, 0.2821, 0.3329



42.8712, 0.2735, 0.3038

Sweetspot

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



42.8731, 0.3441, 0.3241



91.4214, 0.3202, 0.3277



43.6862, 0.3110, 0.2837



19.3198, 0.3214, 0.3275



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.



42.8731, 0.3441, 0.3241



66.4639, 0.3530, 0.3229



48.1677, 0.3447, 0.3468



11.2329, 0.3273, 0.3266



8.1228, 0.6262, 0.3223



0.4258, 0.5882, 0.3014

Inverse Universe

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



42.8731, 0.3441, 0.3241



66.4639, 0.3530, 0.3229



48.7364, 0.2846, 0.3105



11.2329, 0.3273, 0.3266



8.1228, 0.6262, 0.3223



0.4258, 0.5882, 0.3014

Previews

White Background



This preview shows how the Yxy color 42.8712, 0.3441, 0.3241 looks on a white background.

Color Contrast Check

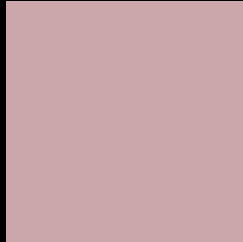
Large Text (above 18pt) WCAG AA × Fail

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 42.8712, 0.3441, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

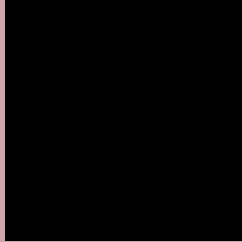
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8712, 0.3441, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 42.8712, 0.3441, 0.3241.



This preview shows how white text looks on a background with the Yxy color 42.8712, 0.3441, 0.3241.

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

42.8712, 0.3441, 0.3241

Protanopia

42.8322, 0.3154, 0.3277

Deuteranopia

42.7098, 0.3359, 0.3291



Tritanopia

42.9620, 0.3378, 0.3129

Trichromacy



Original Color

42.8712, 0.3441, 0.3241

Protanomaly

42.7077, 0.3256, 0.3264

Deuteranomaly

42.7402, 0.3389, 0.3278

Tritanomaly

42.8428, 0.3406, 0.3166

Monochromacy



Original Color

42.8712, 0.3441, 0.3241

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9320, 0.3235, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8712, 0.3441, 0.3241 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(203, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(203, 166, 170)  
}
```

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(203, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 166, 170) }
```

Border

The CSS property to change the border of an element to Yxy 42.8712, 0.3441, 0.3241 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(203, 166, 170) }
```

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

```
.border{ border-color:rgb(203, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(203, 166,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8712, 0.3441, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 166, 170) }
```

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

```
.background{ background-color: rgb(203,  
166, 170) }
```

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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