

Converting Colors

$Y_{xy}(42.2653, 0.3452, 0.3201)$

Have a look what the booklet for
Yxy(42.2653, 0.3452, 0.3201)
contains.

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Color

Yxy(42.3286, 0.3445, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	CCA4AB
RGB	204, 164, 171
RGB Percent	80%, 64%, 67%
CMY	0.2000, 0.3568, 0.3294
CMYK	0.00, 0.20, 0.16, 0.20
HSL	350°, 28%, 72%
HSV	350°, 20%, 80%
XYZ	45.5267, 42.3286, 44.2977
YIQ	176.7580, 21.5930, 10.6570

Conversions

Conversions Part 2

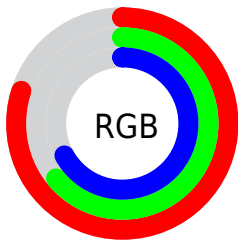
Format	Color
R _Y B	204, 164, 171
Decimal	13411499
CIE Lab	71.10, 15.79, 1.97
CIE LCh	71, 15.917, 7.113
Yxy	42.3286, 0.3445, 0.3203
Android (android.graphics.Color)	4291601579 (0xFFCCA4AB)
YUV	176.7580, -2.8387, 23.8912
Hunter-Lab	65.0604, 11.0514, 5.1735

Details

The Yxy color $42.3286, 0.3445, 0.3203$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.1081, 0.2881, 0.3379$, and the grayscale version is $43.8403, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4140, 0.3341, 0.3221$, and $19.3098, 0.3535, 0.3172$ is the 20% darker color. If you saturate the color by 10%, you get $35.0033, 0.3666, 0.3156$, and if you desaturate by 10%, it is $50.9106, 0.3266, 0.3249$.

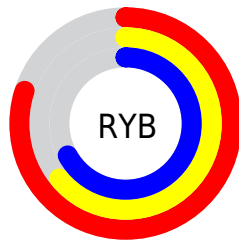
Distribution



Red (80%)

Green (64%)

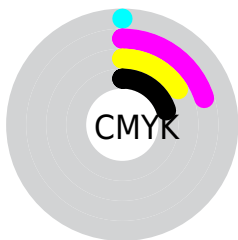
Blue (67%)



Red (80%)

Yellow (64%)

Blue (67%)

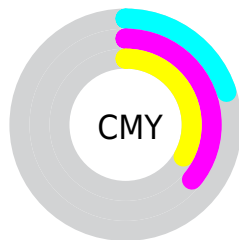


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (20%)



Cyan (20%)


Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3286, 0.3445, 0.3203 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 42.3286, 0.3445, 0.3203 by changing the saturation by 10% instead.


 42.3286, 0.3445,
0.3203

 42.3286, 0.3445,
0.3203


355.8433, 0.3283,
0.3248

 29.3587, 0.3486,
0.3191


 78.6967, 0.3385,
0.3220

 19.3523, 0.3540,
0.3176

 102.8637, 0.3363,
0.3226

 11.9251, 0.3613,
0.3154


131.5318, 0.3345,
0.3231

 6.6927, 0.3717,
0.3124

165.0854, 0.3329,
0.3236

 3.2707, 0.3877,
0.3075

203.9090, 0.3315,
0.3239

 1.2746, 0.4154,
0.2987

248.3869, 0.3303,

 0.1214, 0.8049,

0.3243

0.1951

298.9036, 0.3292,
0.3246

0.0000, 0.0000,
0.0000

42.3286, 0.3445,
0.3203

42.3286, 0.3445,
0.3203

35.0033, 0.3666,
0.3156

50.9106, 0.3266,
0.3249

28.8701, 0.3936,
0.3109

60.7984, 0.3122,
0.3292

23.8675, 0.4261,
0.3067

72.0456, 0.3005,
0.3331

19.9259, 0.4638,
0.3037

84.7010, 0.2911,
0.3367

16.9684, 0.5054,
0.3026

91.5767, 0.2827,
0.3289

■ 14.9073, 0.5475,
0.3043

■ 13.6394, 0.5852,
0.3092

■ 12.9837, 0.6141,
0.3160

■ 12.9620, 0.6151,
0.3162

Harmonies

Analogous

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



42.3286, 0.3236, 0.3035



42.3286, 0.3445, 0.3203



42.3286, 0.3568, 0.3398

Triad

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



42.3286, 0.3445, 0.3203



42.3286, 0.3239, 0.3684



42.3286, 0.2704, 0.2990

Complementary

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



42.3286, 0.3445, 0.3203



55.1081, 0.2881, 0.3379

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.



42.3286, 0.2705, 0.3156



42.3286, 0.3445, 0.3203



42.3286, 0.3009, 0.3568

Square

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



42.3286, 0.3445, 0.3203



42.3286, 0.3445, 0.3682



42.3286, 0.2815, 0.3370



42.3286, 0.2811, 0.2911

Rectangle

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



42.3286, 0.3445, 0.3203



42.3286, 0.3582, 0.3520



42.3286, 0.2815, 0.3370



42.3286, 0.2692, 0.3037

Sweetspot

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



42.3305, 0.3445, 0.3203



89.8371, 0.3212, 0.3264



42.7380, 0.3085, 0.2798



19.0026, 0.3222, 0.3261



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.



42.3305, 0.3445, 0.3203



64.1383, 0.3543, 0.3181



46.8314, 0.3481, 0.3449



11.2452, 0.3263, 0.3250



8.1686, 0.6122, 0.3146



0.4315, 0.5607, 0.2862

Inverse Universe

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



42.3305, 0.3445, 0.3203



64.1383, 0.3543, 0.3181



49.6594, 0.2826, 0.3125



11.2452, 0.3263, 0.3250



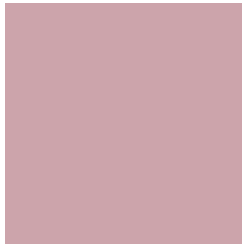
8.1686, 0.6122, 0.3146



0.4315, 0.5607, 0.2862

Previews

White Background



This preview shows how the Yxy color 42.3286, 0.3445, 0.3203 looks on a white background.

Color Contrast Check

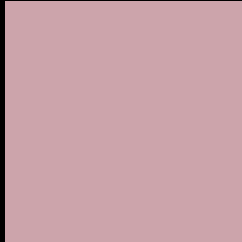
Large Text (above 18pt) WCAG AA × Fail

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 42.3286, 0.3445, 0.3203 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 42.3286, 0.3445, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 42.3286, 0.3445, 0.3203.



This preview shows how white text looks on a background with the Yxy color 42.3286, 0.3445, 0.3203.

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

42.3286, 0.3445, 0.3203

Protanopia

42.3688, 0.3138, 0.3250

Deuteranopia

42.6157, 0.3341, 0.3278



Tritanopia

42.3081, 0.3410, 0.3129

Trichromacy



Original Color

42.3286, 0.3445, 0.3203

Protanomaly

42.3702, 0.3248, 0.3238

Deuteranomaly

42.4100, 0.3382, 0.3252

Tritanomaly

42.2295, 0.3428, 0.3153

Monochromacy



Original Color

42.3286, 0.3445, 0.3203

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1650, 0.3237, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3286, 0.3445, 0.3203 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(204, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 171)  
}
```

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(204, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 171) }
```

Border

The CSS property to change the border of an element to Yxy 42.3286, 0.3445, 0.3203 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(204, 164, 171) }
```

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

```
.border{ border-color:rgb(204, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3286, 0.3445, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 171) }
```

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

```
.background{ background-color: rgb(204,  
164, 171) }
```

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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