

Converting Colors

$Y_{xy}(42.1875, 0.3468, 0.3271)$

Have a look what the booklet for
Yxy(42.1875, 0.3468, 0.3271)
contains.

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Color

Yxy(42.2200, 0.3471, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	CAA5A6
RGB	202, 165, 166
RGB Percent	79%, 65%, 65%
CMY	0.2076, 0.3530, 0.3490
CMYK	0.00, 0.18, 0.18, 0.21
HSL	358°, 26%, 72%
HSV	358°, 18%, 79%
XYZ	44.7058, 42.2200, 41.8722
YIQ	176.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

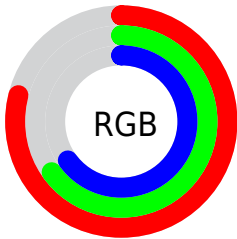
Format	Color
R _Y B	202, 165, 166
Decimal	13280678
CIE Lab	71.02, 13.75, 4.60
CIE LCh	71, 14.499, 18.489
Yxy	42.2200, 0.3471, 0.3278
Android (android.graphics.Color)	4291470758 (0xFFCAA5A6)
YUV	176.1770, -5.0173, 22.6468
Hunter-Lab	64.9769, 9.1030, 7.2763

Details

The Yxy color $42.2200, 0.3471, 0.3278$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.4812, 0.2861, 0.3302$, and the grayscale version is $43.5345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.6669, 0.3374, 0.3281$, and $19.2282, 0.3572, 0.3274$ is the 20% darker color. If you saturate the color by 10%, you get $34.8337, 0.3726, 0.3271$, and if you desaturate by 10%, it is $50.8716, 0.3266, 0.3285$.

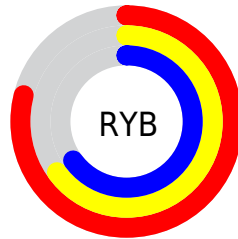
Distribution



Red (79%)

Green (65%)

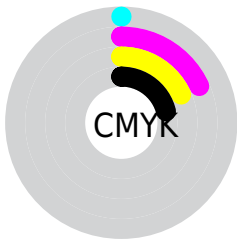
Blue (65%)



Red (79%)

Yellow (65%)

Blue (65%)

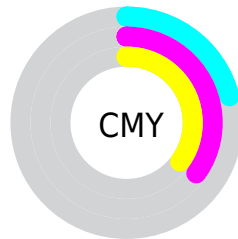


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2200, 0.3471, 0.3278 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 42.2200, 0.3471, 0.3278 by changing the saturation by 10% instead.


 42.2200, 0.3471,
0.3278

 42.2200, 0.3471,
0.3278


355.3941, 0.3295,
0.3286

 29.2736, 0.3516,
0.3275


 78.5325, 0.3406,
0.3281

 19.2879, 0.3575,
0.3271


 102.6673, 0.3382,
0.3283

 11.8785, 0.3655,
0.3266


131.3005, 0.3362,
0.3283

 6.6610, 0.3768,
0.3256

164.8163, 0.3345,
0.3284

 3.2510, 0.3944,
0.3238

203.5992, 0.3330,
0.3285

 1.2641, 0.4250,
0.3199

248.0335, 0.3317,

 0.1132, 0.7966,

0.3285

0.2034

298.5037, 0.3305,
0.3286

0.0000, 0.0000,
0.0000

42.2200, 0.3471,
0.3278

42.2200, 0.3471,
0.3278

34.8337, 0.3726,
0.3271

50.8716, 0.3266,
0.3285

28.6482, 0.4041,
0.3265

60.8380, 0.3103,
0.3291

23.6017, 0.4421,
0.3259

72.1728, 0.2971,
0.3297

19.6248, 0.4860,
0.3256

84.9249, 0.2865,
0.3302

16.6404, 0.5332,
0.3257

91.3037, 0.2816,
0.3289

■ 14.5612, 0.5782,
0.3263

■ 13.2847, 0.6139,
0.3275

■ 12.6556, 0.6349,
0.3286

■ 12.5759, 0.6375,
0.3285

Harmonies

Analogous

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



42.2200, 0.3305, 0.3110



42.2200, 0.3471, 0.3278



42.2200, 0.3543, 0.3455

Triad

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



42.2200, 0.3471, 0.3278



42.2200, 0.3150, 0.3619



42.2200, 0.2766, 0.2979

Complementary

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



42.2200, 0.3471, 0.3278



54.4812, 0.2861, 0.3302

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.



42.2200, 0.2729, 0.3104



42.2200, 0.3471, 0.3278



42.2200, 0.2946, 0.3480

Square

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



42.2200, 0.3471, 0.3278



42.2200, 0.3353, 0.3660



42.2200, 0.2794, 0.3288



42.2200, 0.2898, 0.2939

Rectangle

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



42.2200, 0.3471, 0.3278



42.2200, 0.3526, 0.3556



42.2200, 0.2794, 0.3288



42.2200, 0.2743, 0.3012

Sweetspot

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



42.2219, 0.3471, 0.3278



89.7022, 0.3226, 0.3286



43.5634, 0.3137, 0.2838



18.9708, 0.3238, 0.3286



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.



42.2219, 0.3471, 0.3278



66.2519, 0.3565, 0.3275



48.8515, 0.3442, 0.3507



11.2186, 0.3286, 0.3284



8.0900, 0.6368, 0.3281



0.4191, 0.6256, 0.3220

Inverse Universe

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



42.2219, 0.3471, 0.3278



66.2519, 0.3565, 0.3275



46.8593, 0.2842, 0.3063



11.2186, 0.3286, 0.3284



8.0900, 0.6368, 0.3281



0.4191, 0.6256, 0.3220

Previews

White Background



This preview shows how the Yxy color 42.2200, 0.3471, 0.3278 looks on a white background.

Color Contrast Check

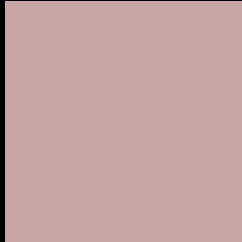
Large Text (above 18pt) WCAG AA × Fail

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 42.2200, 0.3471, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

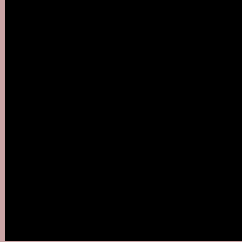
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2200, 0.3471, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 42.2200, 0.3471, 0.3278.



This preview shows how white text looks on a background with the Yxy color 42.2200, 0.3471, 0.3278.

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

42.2200, 0.3471, 0.3278

Protanopia

42.2924, 0.3189, 0.3317

Deuteranopia

42.1912, 0.3397, 0.3330



Tritanopia

42.0255, 0.3391, 0.3128

Trichromacy



Original Color

42.2200, 0.3471, 0.3278

Protanomaly

42.1788, 0.3292, 0.3304

Deuteranomaly

42.2244, 0.3428, 0.3317

Tritanomaly

42.2260, 0.3426, 0.3190

Monochromacy



Original Color

42.2200, 0.3471, 0.3278

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7979, 0.3245, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2200, 0.3471, 0.3278 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(202, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(202, 165, 166)  
}
```

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(202, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 165, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.2200, 0.3471, 0.3278 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(202, 165, 166) }
```

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

```
.border{ border-color:rgb(202, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(202, 165,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2200, 0.3471, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 165, 166) }
```

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

```
.background{ background-color: rgb(202,  
165, 166) }
```

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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