

Converting Colors

$Yxy(42.2995, 0.3426, 0.3248)$

Have a look what the booklet for
Yxy(42.2995, 0.3426, 0.3248)
contains.

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Color

Yxy(42.4164, 0.3421, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C8A6A9
RGB	200, 166, 169
RGB Percent	78%, 65%, 66%
CMY	0.2159, 0.3489, 0.3373
CMYK	0.00, 0.17, 0.15, 0.22
HSL	355°, 24%, 72%
HSV	355°, 17%, 78%
XYZ	44.6070, 42.4164, 43.3683
YIQ	176.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

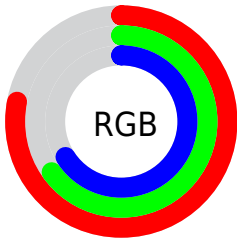
Format	Color
R _{YB}	200, 166, 169
Decimal	13149865
CIE _{Lab}	71.16, 12.88, 3.12
CIE _{LCh}	71, 13.255, 13.607
Yxy	42.4164, 0.3421, 0.3253
Android (android.graphics.Color)	4291339945 (0xFFC8A6A9)
YUV	176.5080, -3.7014, 20.6025
Hunter-Lab	65.1279, 8.2833, 6.1087

Details

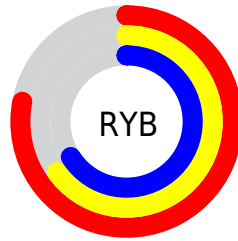
The Yxy color $42.4164, 0.3421, 0.3253$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $53.4267, 0.2893, 0.3328$, and the grayscale version is $43.7061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3547, 0.3352, 0.3261$, and $19.4300, 0.3515, 0.3239$ is the 20% darker color. If you saturate the color by 10%, you get $35.0656, 0.3653, 0.3230$, and if you desaturate by 10%, it is $50.9968, 0.3235, 0.3275$.

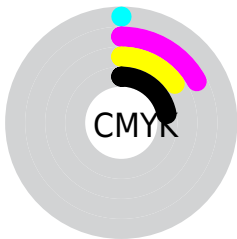
Distribution



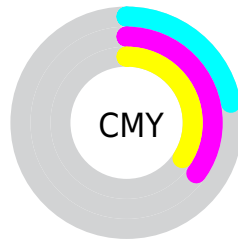
- Red (78%)
- Green (65%)
- Blue (66%)



- Red (78%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4164, 0.3421, 0.3253 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 42.4164, 0.3421, 0.3253 by changing the saturation by 10% instead.


 42.4164, 0.3421,
0.3253

 42.4164, 0.3421,
0.3253


356.2062, 0.3271,
0.3273

 29.4275, 0.3459,
0.3247


 78.8294, 0.3366,
0.3261

 19.4044, 0.3509,
0.3240


 103.0224, 0.3345,
0.3263

 11.9629, 0.3577,
0.3230


131.7187, 0.3328,
0.3266

 6.7184, 0.3673,
0.3214

165.3029, 0.3313,
0.3268

 3.2866, 0.3822,
0.3189

204.1594, 0.3301,
0.3269

 1.2831, 0.4081,
0.3139

248.6725, 0.3290,

 0.1281, 0.7730,

0.3271

0.2270

299.2266, 0.3280,
0.3272

0.0000, 0.0000,
0.0000

42.4164, 0.3421,
0.3253

42.4164, 0.3421,
0.3253

35.0656, 0.3653,
0.3230

50.9968, 0.3235,
0.3275

28.8828, 0.3938,
0.3207

60.8536, 0.3085,
0.3296

23.8095, 0.4284,
0.3186

72.0380, 0.2965,
0.3315

19.7800, 0.4689,
0.3171

84.5968, 0.2867,
0.3332

16.7215, 0.5136,
0.3166

91.0129, 0.2805,
0.3289

■ 14.5521, 0.5586,
0.3177

■ 13.1762, 0.5977,
0.3204

■ 12.4664, 0.6250,
0.3243

■ 12.3149, 0.6310,
0.3250

Harmonies

Analogous

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



42.4164, 0.3259, 0.3103



42.4164, 0.3421, 0.3253



42.4164, 0.3502, 0.3416

Triad

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



42.4164, 0.3421, 0.3253



42.4164, 0.3180, 0.3602



42.4164, 0.2785, 0.3020

Complementary

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



42.4164, 0.3421, 0.3253



53.4267, 0.2893, 0.3328

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.



42.4164, 0.2766, 0.3145



42.4164, 0.3421, 0.3253



42.4164, 0.2990, 0.3488

Square

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



42.4164, 0.3421, 0.3253



42.4164, 0.3360, 0.3624



42.4164, 0.2840, 0.3318



42.4164, 0.2893, 0.2969

Rectangle

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



42.4164, 0.3421, 0.3253



42.4164, 0.3499, 0.3513



42.4164, 0.2840, 0.3318



42.4164, 0.2768, 0.3054

Sweetspot

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



42.4183, 0.3421, 0.3253



91.4064, 0.3204, 0.3279



43.2600, 0.3116, 0.2870



19.3161, 0.3215, 0.3278



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.



42.4183, 0.3421, 0.3253



69.0226, 0.3492, 0.3245



47.5063, 0.3420, 0.3462



10.6518, 0.3276, 0.3270



7.8401, 0.6291, 0.3239



0.3765, 0.5948, 0.3050

Inverse Universe

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



42.4183, 0.3421, 0.3253



69.0226, 0.3492, 0.3245



47.5562, 0.2865, 0.3112



10.6518, 0.3276, 0.3270



7.8401, 0.6291, 0.3239



0.3765, 0.5948, 0.3050

Previews

White Background



This preview shows how the Yxy color 42.4164, 0.3421, 0.3253 looks on a white background.

Color Contrast Check

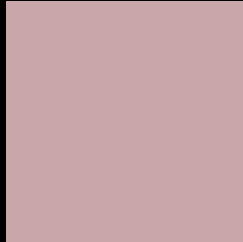
Large Text (above 18pt) WCAG AA × Fail

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 42.4164, 0.3421, 0.3253 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 42.4164, 0.3421, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 42.4164, 0.3421, 0.3253.



This preview shows how white text looks on a background with the Yxy color 42.4164, 0.3421, 0.3253.

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

42.4164, 0.3421, 0.3253

Protanopia

42.7542, 0.3171, 0.3304

Deuteranopia

42.5780, 0.3350, 0.3291



Tritanopia

42.5421, 0.3350, 0.3127

Trichromacy



Original Color

42.4164, 0.3421, 0.3253

Protanomaly

42.5435, 0.3255, 0.3277

Deuteranomaly

42.6056, 0.3380, 0.3278

Tritanomaly

42.4229, 0.3378, 0.3164

Monochromacy



Original Color

42.4164, 0.3421, 0.3253

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2574, 0.3227, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4164, 0.3421, 0.3253 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, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 169)  
}
```

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, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 169) }
```

Border

The CSS property to change the border of an element to Yxy 42.4164, 0.3421, 0.3253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

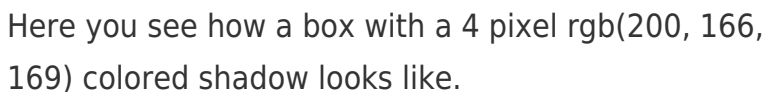
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 166, 169) }
```

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

```
.border{ border-color:rgb(200, 166, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 166, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 166, 169); box-shadow:4px 4px 4px 4px rgb(200, 166, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4164, 0.3421, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 169) }
```

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

```
.background{ background-color: rgb(200,  
166, 169) }
```

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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