

Converting Colors

$Y_{xy}(42.1676, 0.3375, 0.3266)$

Have a look what the booklet for
Yxy(42.1676, 0.3375, 0.3266)
contains.

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Color

Yxy(42.1041, 0.3372, 0.3265)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C3A7A9 |
| RGB | 195, 167, 169 |
| RGB Percent | 76%, 65%, 66% |
| CMY | 0.2353, 0.3451, 0.3373 |
| CMYK | 0.00, 0.14, 0.13, 0.24 |
| HSL | 356°, 19%, 71% |
| HSV | 356°, 14%, 76% |
| XYZ | 43.4839, 42.1041, 43.3679 |
| YIQ | 175.6000, 16.0460, 6.5580 |

Conversions

Conversions Part 2

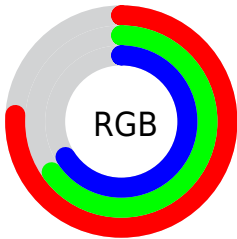
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 195, 167, 169 |
| Decimal | 12822441 |
| CIE Lab | 70.94, 10.52, 2.75 |
| CIE LCh | 71, 10.872, 14.647 |
| Yxy | 42.1041, 0.3372, 0.3265 |
| Android (android.graphics.Color) | 4291012521 (0xFFC3A7A9) |
| YUV | 175.6000, -3.2538, 17.0138 |
| Hunter-Lab | 64.8877, 6.0668, 5.7947 |

Details

The Yxy color $42.1041, 0.3372, 0.3265$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $51.0942, 0.2925, 0.3315$, and the grayscale version is $43.2085, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3198, 0.3329, 0.3270$, and $19.2085, 0.3445, 0.3256$ is the 20% darker color. If you saturate the color by 10%, you get $34.8577, 0.3594, 0.3246$, and if you desaturate by 10%, it is $50.5258, 0.3193, 0.3283$.

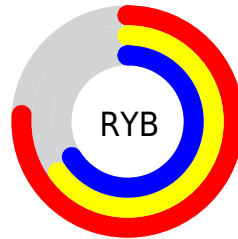
Distribution



Red (76%)

Green (65%)

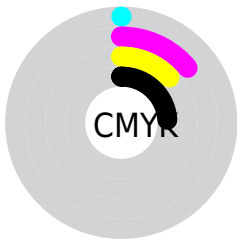
Blue (66%)



Red (76%)

Yellow (65%)

Blue (66%)

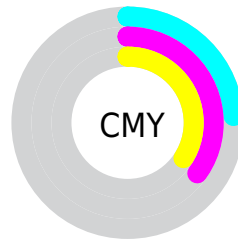


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1041, 0.3372, 0.3265 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 42.1041, 0.3372, 0.3265 by changing the saturation by 10% instead.


 42.1041, 0.3372,
0.3265

 42.1041, 0.3372,
0.3265


354.9143, 0.3247,
0.3279

 29.1828, 0.3404,
0.3261


 78.3572, 0.3326,
0.3270

 19.2192, 0.3446,
0.3256


 102.4577, 0.3309,
0.3272

 11.8287, 0.3502,
0.3249


131.0535, 0.3294,
0.3274

 6.6272, 0.3583,
0.3238

164.5288, 0.3282,
0.3275

 3.2301, 0.3708,
0.3220

203.2682, 0.3272,
0.3276

 1.2530, 0.3927,
0.3185

247.6560, 0.3262,

 0.1044, 0.7733,

0.3277

0.2267

298.0765, 0.3254,
0.3278

0.0000, 0.0000,
0.0000

42.1041, 0.3372,
0.3265

42.1041, 0.3372,
0.3265

34.8577, 0.3594,
0.3246

50.5258, 0.3193,
0.3283

28.7290, 0.3870,
0.3228

60.1657, 0.3050,
0.3299

23.6640, 0.4205,
0.3211

71.0718, 0.2934,
0.3314

19.6022, 0.4602,
0.3197

83.2875, 0.2841,
0.3328

16.4767, 0.5047,
0.3192

90.3412, 0.2778,
0.3289

■ 14.2129, 0.5504,
0.3197

■ 12.7245, 0.5916,
0.3217

■ 11.9071, 0.6216,
0.3248

■ 11.6325, 0.6329,
0.3260

Harmonies

Analogous

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



42.1041, 0.3241, 0.3139



42.1041, 0.3372, 0.3265



42.1041, 0.3436, 0.3400

Triad

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



42.1041, 0.3372, 0.3265



42.1041, 0.3166, 0.3543



42.1041, 0.2847, 0.3065

Complementary

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



42.1041, 0.3372, 0.3265



51.0942, 0.2925, 0.3315

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.



42.1041, 0.2828, 0.3168



42.1041, 0.3372, 0.3265



42.1041, 0.3010, 0.3448

Square

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



42.1041, 0.3372, 0.3265



42.1041, 0.3314, 0.3565



42.1041, 0.2887, 0.3309



42.1041, 0.2939, 0.3025

Rectangle

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



42.1041, 0.3372, 0.3265



42.1041, 0.3431, 0.3479



42.1041, 0.2887, 0.3309



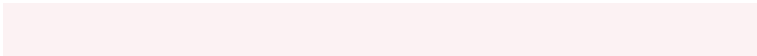
42.1041, 0.2832, 0.3093

Sweetspot

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



42.1060, 0.3372, 0.3265



90.9688, 0.3189, 0.3283



42.8732, 0.3123, 0.2938



19.6504, 0.3201, 0.3282



0.0000, 0.0000, 0.0000



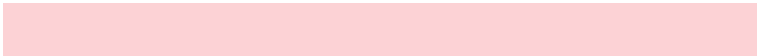
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.1060, 0.3372, 0.3265



71.4255, 0.3432, 0.3260



46.4991, 0.3369, 0.3440



10.0892, 0.3278, 0.3274



7.5659, 0.6313, 0.3251



0.3310, 0.6008, 0.3084

Inverse Universe

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



42.1060, 0.3372, 0.3265



71.4255, 0.3432, 0.3260



46.1607, 0.2906, 0.3135



10.0892, 0.3278, 0.3274



7.5659, 0.6313, 0.3251



0.3310, 0.6008, 0.3084

Previews

White Background



This preview shows how the Yxy color 42.1041, 0.3372, 0.3265 looks on a white background.

Color Contrast Check

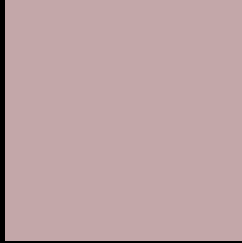
Large Text (above 18pt) WCAG AA × Fail

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 42.1041, 0.3372, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

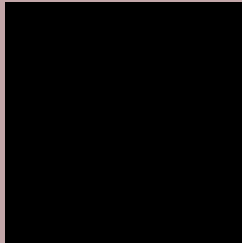
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1041, 0.3372, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 42.1041, 0.3372, 0.3265.



This preview shows how white text looks on a background with the Yxy color 42.1041, 0.3372, 0.3265.

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

42.1041, 0.3372, 0.3265

Protanopia

42.2128, 0.3171, 0.3304

Deuteranopia

42.0763, 0.3342, 0.3278



Tritanopia

42.2226, 0.3302, 0.3137

Trichromacy



Original Color

42.1041, 0.3372, 0.3265

Protanomaly

42.2564, 0.3246, 0.3290

Deuteranomaly

42.2073, 0.3351, 0.3278

Tritanomaly

42.1033, 0.3329, 0.3175

Monochromacy



Original Color

42.1041, 0.3372, 0.3265

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9716, 0.3217, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1041, 0.3372, 0.3265 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(195, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 167, 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(195, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 167, 169) }
```

Border

The CSS property to change the border of an element to Yxy 42.1041, 0.3372, 0.3265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

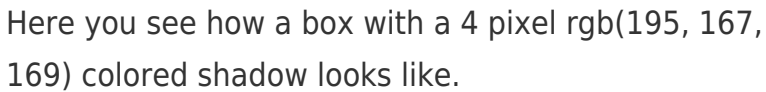
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 167, 169) }
```

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

```
.border{ border-color:rgb(195, 167, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 167, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 167, 169); box-shadow:4px 4px 4px 4px rgb(195, 167, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1041, 0.3372, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 167, 169) }
```

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

```
.background{ background-color: rgb(195,  
167, 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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