

Converting Colors

$Y_{xy}(41.3199, 0.3348, 0.3213)$

Have a look what the booklet for
Yxy(41.3199, 0.3348, 0.3213)
contains.

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Color

Yxy(41.3199, 0.3348, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	C2A5AB
RGB	194, 165, 171
RGB Percent	76%, 65%, 67%
CMY	0.2391, 0.3529, 0.3295
CMYK	0.00, 0.15, 0.12, 0.24
HSL	348°, 19%, 70%
HSV	348°, 15%, 76%
XYZ	43.0560, 41.3199, 44.2263
YIQ	174.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

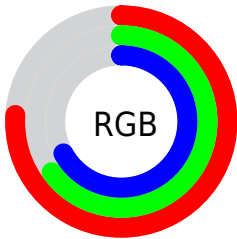
Format	Color
RYB	194, 165, 171
Decimal	12756395
CIELab	70.40, 11.59, 0.85
CIELCh	70, 11.623, 4.184
Yxy	41.3199, 0.3348, 0.3213
Android (android.graphics.Color)	4290946475 (0xFFC2A5AB)
YUV	174.3550, -1.6540, 17.2287
Hunter-Lab	64.2806, 7.0709, 4.2037

Details

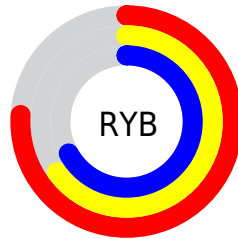
The Yxy color $41.3199, 0.3348, 0.3213$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.2232, 0.2944, 0.3369$, and the grayscale version is $42.5236, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.1866, 0.3310, 0.3230$, and $18.7176, 0.3411, 0.3185$ is the 20% darker color. If you saturate the color by 10%, you get $34.2921, 0.3540, 0.3158$, and if you desaturate by 10%, it is $49.4815, 0.3193, 0.3265$.

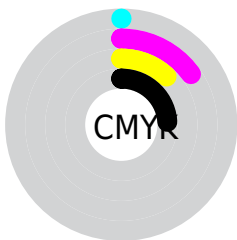
Distribution



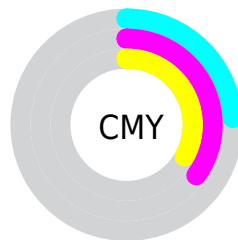
- Red (76%)
- Green (65%)
- Blue (67%)



- Red (76%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3199, 0.3348, 0.3213 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 41.3199, 0.3348, 0.3213 by changing the saturation by 10% instead.


 41.3199, 0.3348,
0.3213

 41.3199, 0.3348,
0.3213


351.6559, 0.3235,
0.3253

 28.5691, 0.3377,
0.3203


 77.1693, 0.3306,
0.3228

 18.7551, 0.3415,
0.3189


 101.0367, 0.3291,
0.3233

 11.4935, 0.3466,
0.3171


129.3784, 0.3278,
0.3238

 6.3998, 0.3539,
0.3145

162.5789, 0.3267,
0.3242

 3.0897, 0.3653,
0.3103

201.0224, 0.3257,
0.3245

 1.1787, 0.3852,
0.3030

245.0935, 0.3249,

 0.0442, 0.8802,

0.3248

0.1198

295.1765, 0.3242,
0.3250

0.0000, 0.0000,
0.0000

41.3199, 0.3348,
0.3213

41.3199, 0.3348,
0.3213

34.2921, 0.3540,
0.3158

49.4815, 0.3193,
0.3265

28.3426, 0.3775,
0.3102

58.8183, 0.3067,
0.3314

23.4195, 0.4059,
0.3049

69.3764, 0.2965,
0.3359

19.4643, 0.4396,
0.3005

81.1977, 0.2882,
0.3399

16.4128, 0.4779,
0.2978

89.7682, 0.2808,
0.3363

■ 14.1926, 0.5187,
0.2977

■ 90.2117, 0.2773,
0.3289

■ 12.7206, 0.5584,
0.3010

■ 11.8958, 0.5922,
0.3078

■ 11.6250, 0.6065,
0.3115

Harmonies

Analogous

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



41.3199, 0.3191, 0.3090



41.3199, 0.3348, 0.3213



41.3199, 0.3445, 0.3358

Triad

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



41.3199, 0.3348, 0.3213



41.3199, 0.3228, 0.3581



41.3199, 0.2809, 0.3080

Complementary

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



41.3199, 0.3348, 0.3213



50.2232, 0.2944, 0.3369

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.



41.3199, 0.2819, 0.3208



41.3199, 0.3348, 0.3213



41.3199, 0.3057, 0.3504

Square

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



41.3199, 0.3348, 0.3213



41.3199, 0.3374, 0.3574



41.3199, 0.2909, 0.3365



41.3199, 0.2882, 0.3012

Rectangle

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



41.3199, 0.3348, 0.3213



41.3199, 0.3462, 0.3450



41.3199, 0.2909, 0.3365



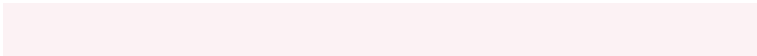
41.3199, 0.2803, 0.3117

Sweetspot

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



41.3217, 0.3348, 0.3213



91.0517, 0.3180, 0.3270



41.4634, 0.3088, 0.2918



19.6717, 0.3191, 0.3266



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.



41.3217, 0.3348, 0.3213



70.3872, 0.3407, 0.3195



44.1606, 0.3387, 0.3397



10.1111, 0.3257, 0.3243



7.6513, 0.6035, 0.3098



0.3408, 0.5412, 0.2755

Inverse Universe

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



41.3217, 0.3348, 0.3213



70.3872, 0.3407, 0.3195



46.9272, 0.2899, 0.3180



10.1111, 0.3257, 0.3243



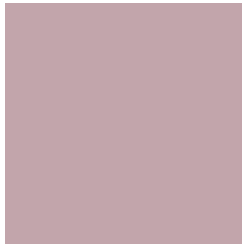
7.6513, 0.6035, 0.3098



0.3408, 0.5412, 0.2755

Previews

White Background



This preview shows how the Yxy color 41.3199, 0.3348, 0.3213 looks on a white background.

Color Contrast Check

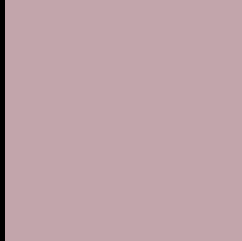
Large Text (above 18pt) WCAG AA × Fail

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 41.3199, 0.3348, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

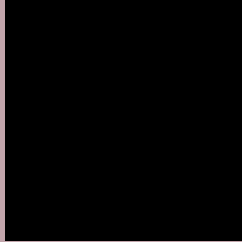
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3199, 0.3348, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 41.3199, 0.3348, 0.3213.



This preview shows how white text looks on a background with the Yxy color 41.3199, 0.3348, 0.3213.

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

41.3199, 0.3348, 0.3213

Protanopia

41.3349, 0.3130, 0.3236

Deuteranopia

41.3965, 0.3297, 0.3238



Tritanopia

41.3273, 0.3304, 0.3123

Trichromacy



Original Color

41.3199, 0.3348, 0.3213

Protanomaly

41.3770, 0.3203, 0.3224

Deuteranomaly

41.2891, 0.3318, 0.3225

Tritanomaly

41.2482, 0.3322, 0.3149

Monochromacy



Original Color

41.3199, 0.3348, 0.3213

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9667, 0.3201, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3199, 0.3348, 0.3213 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(194, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 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(194, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.3199, 0.3348, 0.3213 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(194, 165, 171) }
```

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

```
.border{ border-color:rgb(194, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3199, 0.3348, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 171) }
```

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

```
.background{ background-color: rgb(194,  
165, 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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