

Converting Colors

$Y_{xy}(42.0700, 0.3299, 0.3187)$

Have a look what the booklet for
Yxy(42.0700, 0.3299, 0.3187)
contains.

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Color

Yxy(42.0700, 0.3299, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	C1A7AF
RGB	193, 167, 175
RGB Percent	76%, 65%, 69%
CMY	0.2432, 0.3451, 0.3137
CMYK	0.00, 0.13, 0.09, 0.24
HSL	342°, 17%, 71%
HSV	342°, 13%, 76%
XYZ	43.5485, 42.0700, 46.3866
YIQ	175.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

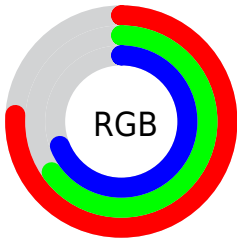
Format	Color
RYB	193, 167, 175
Decimal	12691375
CIELab	70.92, 10.81, -0.63
CIELCh	71, 10.829, 356.668
Yxy	42.0700, 0.3299, 0.3187
Android (android.graphics.Color)	4290881455 (0xFFC1A7AF)
YUV	175.6860, -0.3382, 15.1844
Hunter-Lab	64.8614, 6.3389, 3.0009

Details

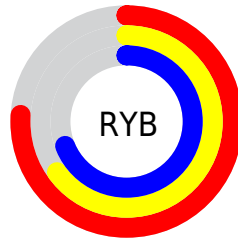
The Yxy color $42.0700, 0.3299, 0.3187$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.8564, 0.2980, 0.3396$, and the grayscale version is $43.2417, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2797, 0.3273, 0.3210$, and $19.1805, 0.3342, 0.3149$ is the 20% darker color. If you saturate the color by 10%, you get $35.0209, 0.3461, 0.3106$, and if you desaturate by 10%, it is $50.2300, 0.3167, 0.3264$.

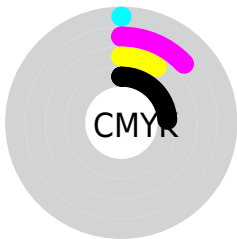
Distribution



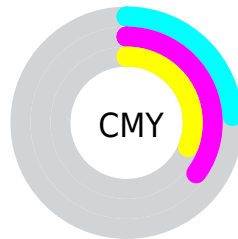
- Red (76%)
- Green (65%)
- Blue (69%)



- Red (76%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (24%)




- Cyan (24%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0700, 0.3299, 0.3187 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 42.0700, 0.3299, 0.3187 by changing the saturation by 10% instead.


 42.0700, 0.3299,
0.3187

 42.0700, 0.3299,
0.3187


354.7730, 0.3212,
0.3239

 29.1561, 0.3321,
0.3174


 78.3056, 0.3267,
0.3206

 19.1989, 0.3350,
0.3156


 102.3960, 0.3255,
0.3213

 11.8141, 0.3389,
0.3133

130.9808, 0.3245,
0.3219

 6.6172, 0.3445,
0.3100

164.4442, 0.3236,
0.3225

 3.2239, 0.3530,
0.3050

203.1708, 0.3229,
0.3229

 1.2497, 0.3679,
0.2963

247.5449, 0.3222,

 0.1018, 0.5843,

0.3233

0.1649

297.9508, 0.3217,
0.3236

0.0000, 0.0000,
0.0000

42.0700, 0.3299,
0.3187

42.0700, 0.3299,
0.3187

35.0209, 0.3461,
0.3106

50.2300, 0.3167,
0.3264

29.0290, 0.3658,
0.3022

59.5405, 0.3059,
0.3336

24.0446, 0.3895,
0.2941

70.0459, 0.2971,
0.3403

20.0116, 0.4176,
0.2870

81.7865, 0.2899,
0.3463

16.8685, 0.4497,
0.2817

89.2551, 0.2834,
0.3430

■ 14.5466, 0.4849,
0.2794

■ 90.0768, 0.2768,
0.3289

■ 12.9668, 0.5208,
0.2813

■ 12.0341, 0.5544,
0.2878

■ 11.6571, 0.5742,
0.2937

Harmonies

Analogous

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



42.0700, 0.3147, 0.3082



42.0700, 0.3299, 0.3187



42.0700, 0.3406, 0.3320

Triad

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



42.0700, 0.3299, 0.3187



42.0700, 0.3258, 0.3565



42.0700, 0.2827, 0.3121

Complementary

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



42.0700, 0.3299, 0.3187



49.8564, 0.2980, 0.3396

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.



42.0700, 0.2856, 0.3250



42.0700, 0.3299, 0.3187



42.0700, 0.3102, 0.3512

Square

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



42.0700, 0.3299, 0.3187



42.0700, 0.3381, 0.3540



42.0700, 0.2955, 0.3395



42.0700, 0.2877, 0.3042

Rectangle

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



42.0700, 0.3299, 0.3187



42.0700, 0.3436, 0.3408



42.0700, 0.2955, 0.3395



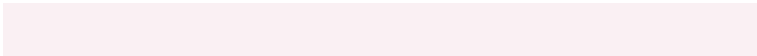
42.0700, 0.2828, 0.3160

Sweetspot

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



42.0719, 0.3299, 0.3187



89.0392, 0.3174, 0.3260



41.7747, 0.3069, 0.2954



18.8505, 0.3183, 0.3254



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.0719, 0.3299, 0.3187



71.6434, 0.3341, 0.3165



43.5448, 0.3363, 0.3353



10.1278, 0.3242, 0.3219



7.7665, 0.5708, 0.2918



0.3482, 0.5058, 0.2560

Inverse Universe

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



42.0719, 0.3299, 0.3187



71.6434, 0.3341, 0.3165



48.1312, 0.2923, 0.3227



10.1278, 0.3242, 0.3219



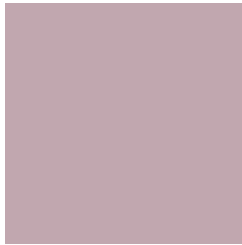
7.7665, 0.5708, 0.2918



0.3482, 0.5058, 0.2560

Previews

White Background



This preview shows how the Yxy color 42.0700, 0.3299, 0.3187 looks on a white background.

Color Contrast Check

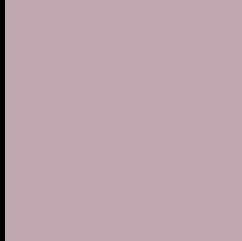
Large Text (above 18pt) WCAG AA × Fail

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 42.0700, 0.3299, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

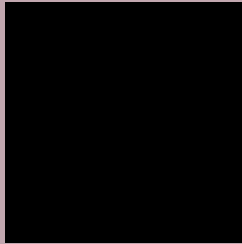
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0700, 0.3299, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 42.0700, 0.3299, 0.3187.



This preview shows how white text looks on a background with the Yxy color 42.0700, 0.3299, 0.3187.

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

42.0700, 0.3299, 0.3187

Protanopia

42.2155, 0.3104, 0.3223

Deuteranopia

42.0476, 0.3270, 0.3199



Tritanopia

41.9964, 0.3274, 0.3124

Trichromacy



Original Color

42.0700, 0.3299, 0.3187

Protanomaly

42.2452, 0.3176, 0.3211

Deuteranomaly

42.1768, 0.3279, 0.3199

Tritanomaly

41.9561, 0.3283, 0.3136

Monochromacy



Original Color

42.0700, 0.3299, 0.3187

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9668, 0.3183, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0700, 0.3299, 0.3187 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(193, 167, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 167, 175)  
}
```

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(193, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 167, 175) }
```

Border

The CSS property to change the border of an element to Yxy 42.0700, 0.3299, 0.3187 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(193, 167, 175) }
```

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

```
.border{ border-color:rgb(193, 167, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 167,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0700, 0.3299, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 167, 175) }
```

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

```
.background{ background-color: rgb(193,  
167, 175) }
```

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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