

Converting Colors

$Y_{xy}(42.2393, 0.3169, 0.3048)$

Have a look what the booklet for
Yxy(42.2393, 0.3169, 0.3048)
contains.

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Color

Yxy(42.1298, 0.3175, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	BEA7BA
RGB	190, 167, 186
RGB Percent	75%, 65%, 73%
CMY	0.2549, 0.3451, 0.2706
CMYK	0.00, 0.12, 0.02, 0.25
HSL	310°, 15%, 70%
HSV	310°, 12%, 75%
XYZ	43.9140, 42.1298, 52.2681
YIQ	176.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

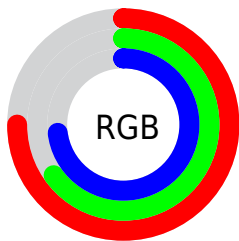
Format	Color
R _Y B	190, 167, 186
Decimal	12494778
CIE Lab	70.96, 11.71, -6.67
CIE LCh	71, 13.474, 330.341
Yxy	42.1298, 0.3175, 0.3046
Android (android.graphics.Color)	4290684858 (0xFFBEA7BA)
YUV	176.0430, 4.9088, 12.2403
Hunter-Lab	64.9075, 7.1785, -2.3092

Details

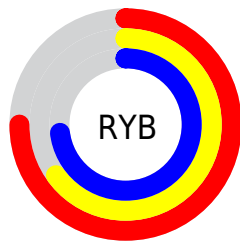
The Yxy color **42.1298, 0.3175, 0.3046** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.9790, 0.3083, 0.3547**, and the grayscale version is **43.4108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2462, 0.3165, 0.3089**, and **19.2733, 0.3193, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **35.5350, 0.3221, 0.2837**, and if you desaturate by 10%, it is **49.7542, 0.3135, 0.3249**.

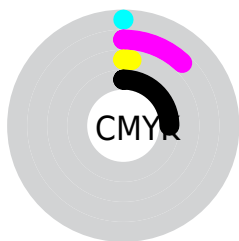
Distribution



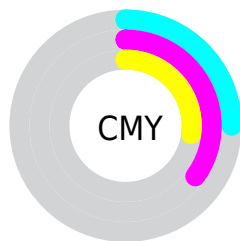
- Red (75%)
- Green (65%)
- Blue (73%)



- Red (75%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1298, 0.3175, 0.3046 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 42.1298, 0.3175, 0.3046 by changing the saturation by 10% instead.


 42.1298, 0.3175,
0.3046

 42.1298, 0.3175,
0.3046


355.0207, 0.3152,
0.3168

 29.2029, 0.3181,
0.3016


 78.3960, 0.3167,
0.3090

 19.2344, 0.3188,
0.2977


 102.5042, 0.3164,
0.3107

 11.8398, 0.3197,
0.2925


131.1083, 0.3161,
0.3121

 6.6347, 0.3209,
0.2852

164.5926, 0.3159,
0.3133

 3.2347, 0.3227,
0.2745

203.3416, 0.3157,
0.3143

 1.2555, 0.3254,
0.2567

247.7397, 0.3155,

 0.1063, 0.3599,

0.3153

0.0989

298.1713, 0.3153,
0.3161

0.0000, 0.0000,
0.0000

42.1298, 0.3175,
0.3046

42.1298, 0.3175,
0.3046

35.5350, 0.3221,
0.2837

49.7542, 0.3135,
0.3249

29.9198, 0.3273,
0.2628

58.4443, 0.3100,
0.3442

25.2384, 0.3330,
0.2425

68.2415, 0.3071,
0.3623

21.4391, 0.3393,
0.2238

79.1830, 0.3046,
0.3791

18.4651, 0.3458,
0.2076

86.7540, 0.3025,
0.3876

■ 16.2532, 0.3525,
0.1949

■ 86.9127, 0.3007,
0.3838

■ 14.7307, 0.3592,
0.1863

■ 87.0747, 0.2990,
0.3799

■ 13.8111, 0.3656,
0.1822

■ 87.2401, 0.2972,
0.3761

■ 13.3788, 0.3705,
0.1815

■ 87.4089, 0.2954,
0.3723

Harmonies

Analogous

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



42.1298, 0.2981, 0.2971



42.1298, 0.3175, 0.3046



42.1298, 0.3361, 0.3181

Triad

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



42.1298, 0.3175, 0.3046



42.1298, 0.3428, 0.3609



42.1298, 0.2782, 0.3217

Complementary

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



42.1298, 0.3175, 0.3046



47.9790, 0.3083, 0.3547

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.



42.1298, 0.2894, 0.3399



42.1298, 0.3175, 0.3046



42.1298, 0.3266, 0.3631

Square

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



42.1298, 0.3175, 0.3046



42.1298, 0.3510, 0.3502



42.1298, 0.3071, 0.3554



42.1298, 0.2758, 0.3063

Rectangle

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



42.1298, 0.3175, 0.3046



42.1298, 0.3454, 0.3290



42.1298, 0.3071, 0.3554



42.1298, 0.2810, 0.3277

Sweetspot

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



42.1316, 0.3175, 0.3046



87.3018, 0.3142, 0.3209



39.9981, 0.2971, 0.2981



18.9310, 0.3145, 0.3194



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.



42.1316, 0.3175, 0.3046



72.3983, 0.3189, 0.2981



41.6689, 0.3274, 0.3190



9.6670, 0.3163, 0.3102



8.9076, 0.3698, 0.1811



0.3565, 0.3562, 0.1736

Inverse Universe

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



42.1316, 0.3175, 0.3046



72.3983, 0.3189, 0.2981



48.4296, 0.2999, 0.3392



9.6670, 0.3163, 0.3102



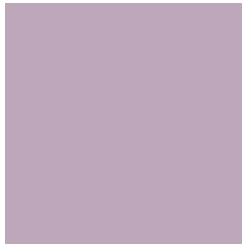
8.9076, 0.3698, 0.1811



0.3565, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 42.1298, 0.3175, 0.3046 looks on a white background.

Color Contrast Check

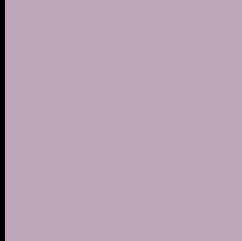
Large Text (above 18pt) WCAG AA × Fail

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 42.1298, 0.3175, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

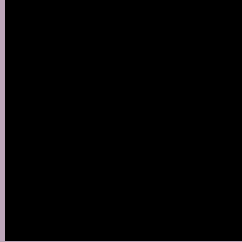
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1298, 0.3175, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 42.1298, 0.3175, 0.3046.



This preview shows how white text looks on a background with the Yxy color 42.1298, 0.3175, 0.3046.

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

42.1298, 0.3175, 0.3046

Protanopia

42.3319, 0.2990, 0.3076

Deuteranopia

42.2354, 0.3129, 0.3069



Tritanopia

42.1603, 0.3208, 0.3122

Trichromacy



Original Color

42.1298, 0.3175, 0.3046

Protanomaly

42.3404, 0.3058, 0.3066

Deuteranomaly

42.1152, 0.3147, 0.3057

Tritanomaly

42.2430, 0.3191, 0.3096

Monochromacy



Original Color

42.1298, 0.3175, 0.3046

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0062, 0.3140, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1298, 0.3175, 0.3046 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(190, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 186)  
}
```

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(190, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 186) }
```

Border

The CSS property to change the border of an element to Yxy 42.1298, 0.3175, 0.3046 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(190, 167, 186) }
```

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

```
.border{ border-color:rgb(190, 167, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1298, 0.3175, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 186) }
```

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

```
.background{ background-color: rgb(190,  
167, 186) }
```

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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