

Converting Colors

$Yxy(42.9445, 0.3191, 0.3084)$

Have a look what the booklet for
Yxy(42.9445, 0.3191, 0.3084)
contains.

Yxy(42.9551, 0.3191, 0.3085)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9551, 0.3191, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	BFA9B9
RGB	191, 169, 185
RGB Percent	75%, 66%, 73%
CMY	0.2510, 0.3372, 0.2745
CMYK	0.00, 0.12, 0.03, 0.25
HSL	316°, 15%, 71%
HSV	316°, 12%, 75%
XYZ	44.4310, 42.9551, 51.8524
YIQ	177.4020, 7.9760, 9.6400

Conversions

Conversions Part 2

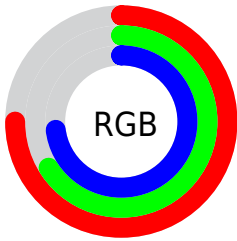
Format	Color
RYB	191, 169, 185
Decimal	12560825
CIELab	71.52, 10.79, -5.28
CIELCh	72, 12.010, 333.927
Yxy	42.9551, 0.3191, 0.3085
Android (android.graphics.Color)	4290750905 (0xFFBFA9B9)
YUV	177.4020, 3.7458, 11.9254
Hunter-Lab	65.5401, 6.3136, -1.0295

Details

The Yxy color **42.9551, 0.3191, 0.3085** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.7916, 0.3069, 0.3504**, and the grayscale version is **44.1666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4363, 0.3177, 0.3120**, and **19.7069, 0.3202, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **36.1459, 0.3257, 0.2900**, and if you desaturate by 10%, it is **50.8142, 0.3135, 0.3264**.

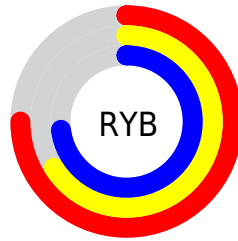
Distribution



Red (75%)

Green (66%)

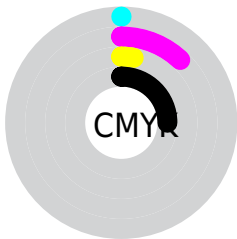
Blue (73%)



Red (75%)

Yellow (66%)

Blue (73%)

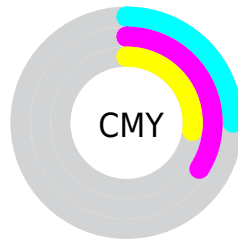


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9551, 0.3191, 0.3085 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 42.9551, 0.3191, 0.3085 by changing the saturation by 10% instead.

 42.9551, 0.3191,
0.3085

 42.9551, 0.3191,
0.3085


358.4271, 0.3159,
0.3187

 29.8499, 0.3199,
0.3059


 79.6431, 0.3180,
0.3122

 19.7247, 0.3209,
0.3027


 103.9947, 0.3175,
0.3136

 12.1951, 0.3222,
0.2983


132.8638, 0.3172,
0.3148

 6.8767, 0.3240,
0.2922

166.6350, 0.3169,
0.3158

 3.3851, 0.3267,
0.2832

205.6925, 0.3166,
0.3167

 1.3359, 0.3310,
0.2682

250.4207, 0.3163,

 0.1688, 0.3700,

0.3175

0.1474

301.2041, 0.3161,
0.3181

0.0000, 0.0000,
0.0000

42.9551, 0.3191,
0.3085

42.9551, 0.3191,
0.3085

36.1459, 0.3257,
0.2900

50.8142, 0.3135,
0.3264

30.3360, 0.3332,
0.2712

59.7598, 0.3087,
0.3433

25.4792, 0.3419,
0.2529

69.8335, 0.3047,
0.3591

21.5233, 0.3515,
0.2358

81.0732, 0.3014,
0.3737

18.4111, 0.3619,
0.2209

87.3003, 0.2985,
0.3777

■ 16.0787, 0.3729,
0.2094

■ 87.5656, 0.2957,
0.3717

■ 14.4533, 0.3842,
0.2020

■ 87.8393, 0.2930,
0.3658

■ 13.4480, 0.3953,
0.1994

■ 88.1216, 0.2902,
0.3599

■ 12.9397, 0.4046,
0.2002

■ 88.4126, 0.2875,
0.3541

Harmonies

Analogous

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



42.9551, 0.3017, 0.3011



42.9551, 0.3191, 0.3085



42.9551, 0.3351, 0.3210

Triad

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



42.9551, 0.3191, 0.3085



42.9551, 0.3380, 0.3579



42.9551, 0.2813, 0.3208

Complementary

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



42.9551, 0.3191, 0.3085



48.7916, 0.3069, 0.3504

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.



42.9551, 0.2905, 0.3368



42.9551, 0.3191, 0.3085



42.9551, 0.3231, 0.3587

Square

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



42.9551, 0.3191, 0.3085



42.9551, 0.3462, 0.3493



42.9551, 0.3057, 0.3509



42.9551, 0.2803, 0.3076

Rectangle

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



42.9551, 0.3191, 0.3085



42.9551, 0.3427, 0.3308



42.9551, 0.3057, 0.3509



42.9551, 0.2836, 0.3260

Sweetspot

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



42.9570, 0.3191, 0.3085



88.7292, 0.3143, 0.3237



41.2380, 0.2998, 0.2998



19.2225, 0.3147, 0.3223



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.



42.9570, 0.3191, 0.3085



73.4544, 0.3208, 0.3035



42.5151, 0.3285, 0.3224



9.6507, 0.3178, 0.3125



8.5180, 0.4032, 0.1995



0.3441, 0.3793, 0.1863

Inverse Universe

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



42.9570, 0.3191, 0.3085



73.4544, 0.3208, 0.3035



49.2362, 0.2990, 0.3357



9.6507, 0.3178, 0.3125



8.5180, 0.4032, 0.1995



0.3441, 0.3793, 0.1863

Previews

White Background



This preview shows how the Yxy color 42.9551, 0.3191, 0.3085 looks on a white background.

Color Contrast Check

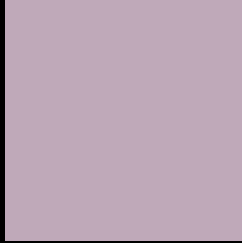
Large Text (above 18pt) WCAG AA × Fail

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 42.9551, 0.3191, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

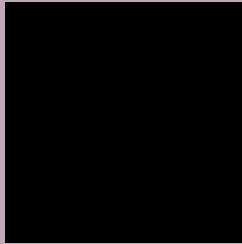
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

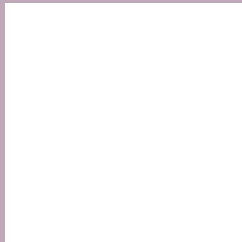
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9551, 0.3191, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 42.9551, 0.3191, 0.3085.



This preview shows how white text looks on a background with the Yxy color 42.9551, 0.3191, 0.3085.

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

42.9551, 0.3191, 0.3085

Protanopia

43.0169, 0.3023, 0.3104

Deuteranopia

42.9436, 0.3163, 0.3096



Tritanopia

42.8712, 0.3208, 0.3110

Trichromacy



Original Color

42.9551, 0.3191, 0.3085

Protanomaly

42.9167, 0.3083, 0.3093

Deuteranomaly

43.0711, 0.3172, 0.3097

Tritanomaly

42.9130, 0.3200, 0.3098

Monochromacy



Original Color

42.9551, 0.3191, 0.3085

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5125, 0.3149, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9551, 0.3191, 0.3085 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(191, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 169, 185)  
}
```

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(191, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 169, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.9551, 0.3191, 0.3085 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(191, 169, 185) }
```

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

```
.border{ border-color:rgb(191, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 169,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9551, 0.3191, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 169, 185) }
```

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

```
.background{ background-color: rgb(191,  
169, 185) }
```

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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