

Converting Colors

Yxy(42.0649, 0.3167, 0.3148)

Have a look what the booklet for
Yxy(42.0649, 0.3167, 0.3148)
contains.

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Color

Yxy(42.2351, 0.3169, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	B8AAB4
RGB	184, 170, 180
RGB Percent	72%, 67%, 71%
CMY	0.2787, 0.3332, 0.2942
CMYK	0.00, 0.08, 0.02, 0.28
HSL	317°, 9%, 69%
HSV	317°, 8%, 72%
XYZ	42.3688, 42.2351, 49.0938
YIQ	175.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

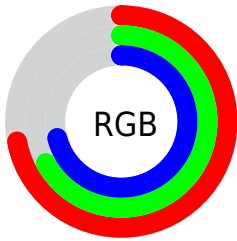
Format	Color
RYB	184, 170, 180
Decimal	12102324
CIELab	71.03, 6.81, -3.31
CIELCh	71, 7.569, 334.100
Yxy	42.2351, 0.3169, 0.3159
Android (android.graphics.Color)	4290292404 (0xFFB8AAB4)
YUV	175.3260, 2.3043, 7.6071
Hunter-Lab	64.9885, 2.6418, 0.7030

Details

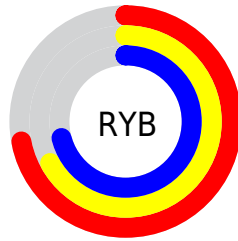
The Yxy color $42.2351, 0.3169, 0.3159$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.8608, 0.3088, 0.3425$, and the grayscale version is $43.0305, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4318, 0.3160, 0.3178$, and $19.3145, 0.3185, 0.3128$ is the 20% darker color. If you saturate the color by 10%, you get $35.6061, 0.3233, 0.2979$, and if you desaturate by 10%, it is $49.8408, 0.3115, 0.3331$.

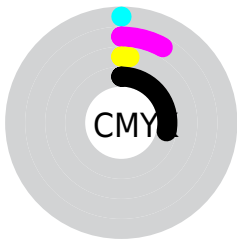
Distribution



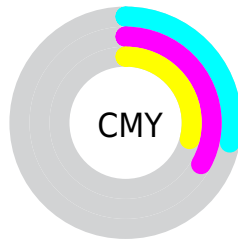
- Red (72%)
- Green (67%)
- Blue (71%)



- Red (72%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (28%)





- Cyan (28%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2351, 0.3169, 0.3159 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 42.2351, 0.3169, 0.3159 by changing the saturation by 10% instead.


 42.2351, 0.3169,
0.3159

 42.2351, 0.3169,
0.3159


355.4566, 0.3148,
0.3225

 29.2854, 0.3174,
0.3142


 78.5553, 0.3161,
0.3183

 19.2968, 0.3181,
0.3121


102.6946, 0.3159,
0.3192

 11.8850, 0.3190,
0.3092


131.3326, 0.3156,
0.3200

 6.6654, 0.3203,
0.3052

164.8537, 0.3154,
0.3206

 3.2537, 0.3222,
0.2990

203.6423, 0.3152,
0.3212

 1.2656, 0.3253,
0.2887

248.0827, 0.3151,

 0.1143, 0.3690,

0.3217

0.1535

298.5593, 0.3149,
0.3221

0.0000, 0.0000,
0.0000

42.2351, 0.3169,
0.3159

42.2351, 0.3169,
0.3159

35.6061, 0.3233,
0.2979

49.8408, 0.3115,
0.3331

29.9083, 0.3307,
0.2795

58.4552, 0.3069,
0.3493

25.1008, 0.3392,
0.2612

68.1158, 0.3031,
0.3643

21.1377, 0.3488,
0.2438

78.8565, 0.2999,
0.3782

17.9688, 0.3593,
0.2281

86.1643, 0.2971,
0.3840

■ 15.5384, 0.3706,
0.2153

■ 86.4225, 0.2943,
0.3779

■ 13.7840, 0.3824,
0.2063

■ 86.6893, 0.2916,
0.3718

■ 12.6321, 0.3942,
0.2019

■ 86.9646, 0.2888,
0.3658

■ 11.9737, 0.4057,
0.2021

■ 87.2486, 0.2861,
0.3598

Harmonies

Analogous

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



42.2351, 0.3059, 0.3111



42.2351, 0.3169, 0.3159



42.2351, 0.3270, 0.3240

Triad

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



42.2351, 0.3169, 0.3159



42.2351, 0.3287, 0.3473



42.2351, 0.2927, 0.3239

Complementary

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



42.2351, 0.3169, 0.3159



45.8608, 0.3088, 0.3425

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.



42.2351, 0.2986, 0.3339



42.2351, 0.3169, 0.3159



42.2351, 0.3193, 0.3476

Square

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



42.2351, 0.3169, 0.3159



42.2351, 0.3338, 0.3421



42.2351, 0.3083, 0.3427



42.2351, 0.2920, 0.3155

Rectangle

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



42.2351, 0.3169, 0.3159



42.2351, 0.3317, 0.3304



42.2351, 0.3083, 0.3427



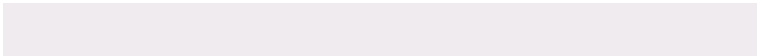
42.2351, 0.2941, 0.3272

Sweetspot

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



42.2369, 0.3169, 0.3159



84.0286, 0.3138, 0.3255



41.2121, 0.3047, 0.3103



18.1467, 0.3137, 0.3257



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.2369, 0.3169, 0.3159



74.5977, 0.3178, 0.3131



41.9607, 0.3229, 0.3250



9.1181, 0.3180, 0.3128



8.1794, 0.4072, 0.2017



0.2984, 0.3802, 0.1868

Inverse Universe

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



42.2369, 0.3169, 0.3159



74.5977, 0.3178, 0.3131



46.1389, 0.3035, 0.3330



9.1181, 0.3180, 0.3128



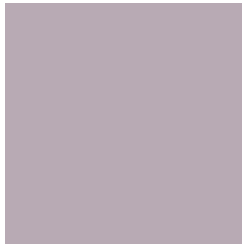
8.1794, 0.4072, 0.2017



0.2984, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 42.2351, 0.3169, 0.3159 looks on a white background.

Color Contrast Check

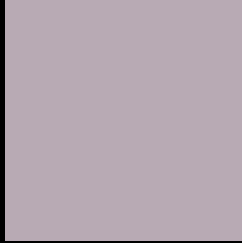
Large Text (above 18pt) WCAG AA × Fail

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 42.2351, 0.3169, 0.3159 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 42.2351, 0.3169, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 42.2351, 0.3169, 0.3159.



This preview shows how white text looks on a background with the Yxy color 42.2351, 0.3169, 0.3159.

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

42.2351, 0.3169, 0.3159

Protanopia

42.3785, 0.3071, 0.3169

Deuteranopia

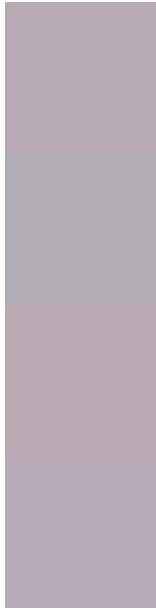
42.3626, 0.3207, 0.3147



Tritanopia

42.3587, 0.3144, 0.3120

Trichromacy



Original Color

42.2351, 0.3169, 0.3159

Protanomaly

42.3062, 0.3106, 0.3170

Deuteranomaly

42.2360, 0.3198, 0.3147

Tritanomaly

42.3172, 0.3153, 0.3133

Monochromacy



Original Color

42.2351, 0.3169, 0.3159

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5264, 0.3139, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2351, 0.3169, 0.3159 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(184, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 170, 180)  
}
```

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(184, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 170, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.2351, 0.3169, 0.3159 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(184, 170, 180) }
```

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

```
.border{ border-color:rgb(184, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 170,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2351, 0.3169, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 170, 180) }
```

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

```
.background{ background-color: rgb(184,  
170, 180) }
```

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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