

Converting Colors

$Yxy(41.6179, 0.3068, 0.3134)$

Have a look what the booklet for
Yxy(41.6179, 0.3068, 0.3134)
contains.

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Color

Yxy(41.6587, 0.3064, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	AFABB7
RGB	175, 171, 183
RGB Percent	69%, 67%, 72%
CMY	0.3136, 0.3294, 0.2824
CMYK	0.04, 0.07, 0.00, 0.28
HSL	260°, 8%, 69%
HSV	260°, 7%, 72%
XYZ	40.7933, 41.6587, 50.6854
YIQ	173.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

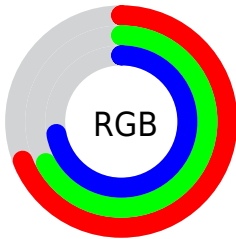
Format	Color
RYB	175, 171, 183
Decimal	11512759
CIELab	70.63, 3.73, -5.63
CIELCh	71, 6.754, 303.509
Yxy	41.6587, 0.3064, 0.3129
Android (android.graphics.Color)	4289702839 (0xFFAFABB7)
YUV	173.5640, 4.6519, 1.2594
Hunter-Lab	64.5436, -0.1343, -1.3794

Details

The Yxy color **41.6587, 0.3064, 0.3129** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.3824, 0.3188, 0.3449**, and the grayscale version is **42.0711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6136, 0.3079, 0.3155**, and **19.0163, 0.3051, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **33.8763, 0.2955, 0.2863**, and if you desaturate by 10%, it is **50.5281, 0.3158, 0.3370**.

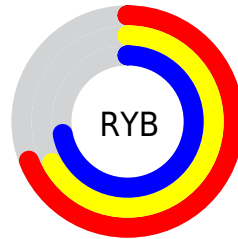
Distribution



Red (69%)

Green (67%)

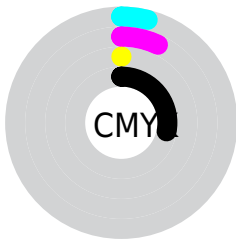
Blue (72%)



Red (69%)

Yellow (67%)

Blue (72%)

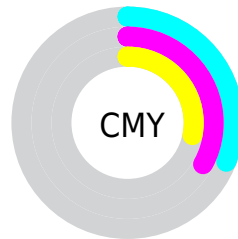


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6587, 0.3064, 0.3129 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 41.6587, 0.3064, 0.3129 by changing the saturation by 10% instead.

■ 41.6587, 0.3064,
0.3129

■ 41.6587, 0.3064,
0.3129

353.0662, 0.3096,
0.3210

■ 28.8341, 0.3056,
0.3108

■ 77.6828, 0.3076,
0.3159

■ 18.9554, 0.3045,
0.3082

101.6512, 0.3080,
0.3170

■ 11.6380, 0.3030,
0.3046

130.1029, 0.3084,
0.3179

■ 6.4977, 0.3009,
0.2995

163.4224, 0.3087,
0.3187

■ 3.1500, 0.2975,
0.2919

201.9941, 0.3090,
0.3194

■ 1.2105, 0.2917,
0.2788

246.2024, 0.3092,

■ 0.0703, 0.2260,

0.3200

0.1007

296.4316, 0.3095,
0.3206

0.0000, 0.0000,
0.0000

41.6587, 0.3064,
0.3129

41.6587, 0.3064,
0.3129

33.8763, 0.2955,
0.2863

50.5281, 0.3158,
0.3370

27.1333, 0.2830,
0.2573

60.5192, 0.3238,
0.3586

21.3860, 0.2690,
0.2267

71.6718, 0.3306,
0.3778

16.5861, 0.2537,
0.1951

84.0220, 0.3363,
0.3948

12.6805, 0.2374,
0.1640

92.7305, 0.3426,
0.4030

■ 9.6113, 0.2210,
0.1351

■ 94.8780, 0.3507,
0.4010

■ 7.3132, 0.2051,
0.1101

■ 96.1985, 0.3556,
0.3998

■ 5.7108, 0.1908,
0.0907

■ 4.7038, 0.1787,
0.0775

Harmonies

Analogous

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



41.6587, 0.2983, 0.3128



41.6587, 0.3064, 0.3129



41.6587, 0.3163, 0.3171

Triad

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



41.6587, 0.3064, 0.3129



41.6587, 0.3317, 0.3406



41.6587, 0.3002, 0.3336

Complementary

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



41.6587, 0.3064, 0.3129



46.3824, 0.3188, 0.3449

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.



41.6587, 0.3090, 0.3414



41.6587, 0.3064, 0.3129



41.6587, 0.3272, 0.3454

Square

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



41.6587, 0.3064, 0.3129



41.6587, 0.3310, 0.3330



41.6587, 0.3188, 0.3457



41.6587, 0.2948, 0.3246

Rectangle

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



41.6587, 0.3064, 0.3129



41.6587, 0.3226, 0.3217



41.6587, 0.3188, 0.3457



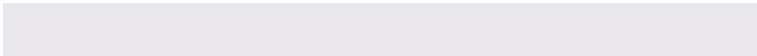
41.6587, 0.3028, 0.3364

Sweetspot

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



41.6605, 0.3064, 0.3129



81.5586, 0.3108, 0.3241



44.3136, 0.3028, 0.3236



18.0505, 0.3109, 0.3244



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.



41.6605, 0.3064, 0.3129



72.2949, 0.3048, 0.3089



42.3659, 0.3117, 0.3132



8.8623, 0.3035, 0.3057



3.1232, 0.1761, 0.0744



0.1449, 0.2070, 0.0914

Inverse Universe

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



42.4438, 0.3168, 0.3185



74.0221, 0.3179, 0.3159



45.6874, 0.3137, 0.3452



9.1100, 0.3187, 0.3139



8.0073, 0.4268, 0.2125



0.2933, 0.3932, 0.1939

Previews

White Background



This preview shows how the Yxy color 41.6587, 0.3064, 0.3129 looks on a white background.

Color Contrast Check

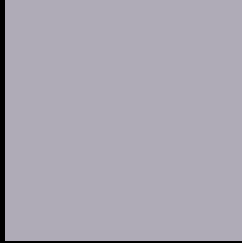
Large Text (above 18pt) WCAG AA × Fail

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 41.6587, 0.3064, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

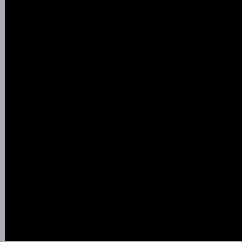
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

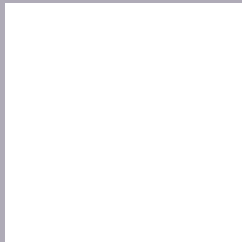
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6587, 0.3064, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 41.6587, 0.3064, 0.3129.

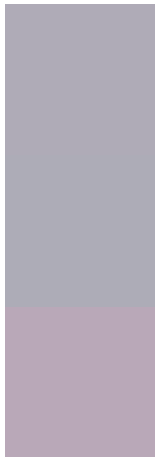


This preview shows how white text looks on a background with the Yxy color 41.6587, 0.3064, 0.3129.

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

41.6587, 0.3064, 0.3129

Protanopia

41.8082, 0.3046, 0.3142

Deuteranopia

41.7802, 0.3146, 0.3081



Tritanopia

41.7005, 0.3056, 0.3116

Trichromacy



Original Color

41.6587, 0.3064, 0.3129

Protanomaly

41.9226, 0.3055, 0.3142

Deuteranomaly

41.6604, 0.3109, 0.3092

Tritanomaly

41.7005, 0.3056, 0.3116

Monochromacy



Original Color

41.6587, 0.3064, 0.3129

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0601, 0.3103, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6587, 0.3064, 0.3129 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(175, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 183)  
}
```

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(175, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 183) }
```

Border

The CSS property to change the border of an element to Yxy 41.6587, 0.3064, 0.3129 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(175, 171, 183) }
```

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

```
.border{ border-color:rgb(175, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6587, 0.3064, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 183) }
```

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

```
.background{ background-color: rgb(175,  
171, 183) }
```

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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