

Converting Colors

$Yxy(41.7957, 0.3024, 0.3056)$

Have a look what the booklet for
Yxy(41.7957, 0.3024, 0.3056)
contains.

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Color

Yxy(41.8706, 0.3023, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	AFABBC
RGB	175, 171, 188
RGB Percent	69%, 67%, 74%
CMY	0.3139, 0.3293, 0.2628
CMYK	0.07, 0.09, 0.00, 0.26
HSL	254°, 11%, 70%
HSV	254°, 9%, 74%
XYZ	41.3103, 41.8706, 53.4725
YIQ	174.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

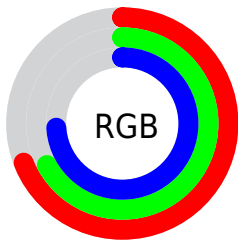
Format	Color
RYB	175, 171, 188
Decimal	11512764
CIELab	70.78, 4.68, -8.17
CIELCh	71, 9.416, 299.825
Yxy	41.8706, 0.3023, 0.3064
Android (android.graphics.Color)	4289702844 (0xFFAFABBC)
YUV	174.1340, 6.8359, 0.7595
Hunter-Lab	64.7075, 0.7192, -3.7004

Details

The Yxy color **41.8706, 0.3023, 0.3064** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.0974, 0.3226, 0.3511**, and the grayscale version is **42.3629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9133, 0.3047, 0.3104**, and **19.1539, 0.2995, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **33.6858, 0.2891, 0.2787**, and if you desaturate by 10%, it is **51.2475, 0.3138, 0.3313**.

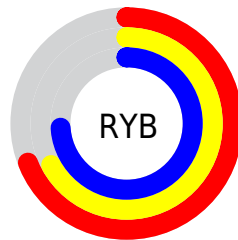
Distribution



Red (69%)

Green (67%)

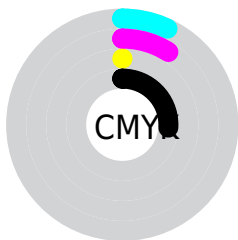
Blue (74%)



Red (69%)

Yellow (67%)

Blue (74%)

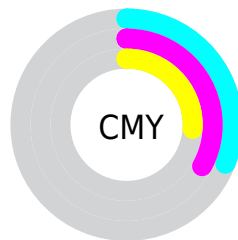


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8706, 0.3023, 0.3064 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 41.8706, 0.3023, 0.3064 by changing the saturation by 10% instead.

■ 41.8706, 0.3023,
0.3064

■ 41.8706, 0.3023,
0.3064

353.9462, 0.3076,
0.3178

■ 29.0000, 0.3009,
0.3035

■ 78.0037, 0.3043,
0.3106

■ 19.0808, 0.2991,
0.2998

102.0351, 0.3050,
0.3121

■ 11.7287, 0.2967,
0.2949

130.5554, 0.3056,
0.3134

■ 6.5592, 0.2932,
0.2880

163.9492, 0.3061,
0.3145

■ 3.1880, 0.2878,
0.2775

202.6007, 0.3066,
0.3155

■ 1.2307, 0.2785,
0.2600

246.8945, 0.3070,

■ 0.0865, 0.2073,

0.3164

0.0912

297.2149, 0.3073,
0.3171

0.0000, 0.0000,
0.0000

41.8706, 0.3023,
0.3064

41.8706, 0.3023,
0.3064

33.6858, 0.2891,
0.2787

51.2475, 0.3138,
0.3313

26.6399, 0.2742,
0.2485

61.8565, 0.3236,
0.3534

20.6833, 0.2577,
0.2164

73.7422, 0.3320,
0.3729

15.7607, 0.2399,
0.1835

86.9453, 0.3392,
0.3900

11.8120, 0.2216,
0.1513

94.9495, 0.3473,
0.3961

■ 8.7707, 0.2038,
0.1220

■ 96.4102, 0.3526,
0.3949

■ 6.5616, 0.1875,
0.0974

■ 5.0972, 0.1739,
0.0794

■ 4.2285, 0.1635,
0.0679

Harmonies

Analogous

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



41.8706, 0.2917, 0.3069



41.8706, 0.3023, 0.3064



41.8706, 0.3159, 0.3116

Triad

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



41.8706, 0.3023, 0.3064



41.8706, 0.3395, 0.3439



41.8706, 0.2966, 0.3368

Complementary

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



41.8706, 0.3023, 0.3064



49.0974, 0.3226, 0.3511

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.



41.8706, 0.3091, 0.3474



41.8706, 0.3023, 0.3064



41.8706, 0.3340, 0.3513

Square

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



41.8706, 0.3023, 0.3064



41.8706, 0.3376, 0.3329



41.8706, 0.3228, 0.3527



41.8706, 0.2885, 0.3243

Rectangle

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



41.8706, 0.3023, 0.3064



41.8706, 0.3249, 0.3176



41.8706, 0.3228, 0.3527



41.8706, 0.3004, 0.3408

Sweetspot

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



41.8724, 0.3023, 0.3064



85.7917, 0.3094, 0.3216



46.7000, 0.2990, 0.3241



18.1519, 0.3084, 0.3196



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.8724, 0.3023, 0.3064



72.5234, 0.2996, 0.3007



42.8526, 0.3095, 0.3069



9.3293, 0.3019, 0.3055



2.8596, 0.1636, 0.0675



0.1427, 0.1888, 0.0814

Inverse Universe

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



43.2855, 0.3170, 0.3122



75.6585, 0.3182, 0.3081



48.1110, 0.3156, 0.3515



9.6574, 0.3172, 0.3115



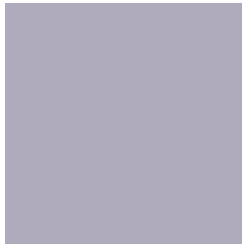
8.6699, 0.3890, 0.1917



0.3490, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 41.8706, 0.3023, 0.3064 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 41.8706, 0.3023, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

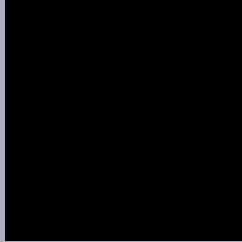
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

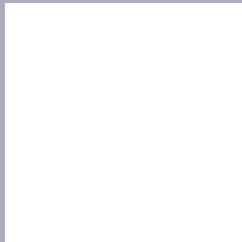
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8706, 0.3023, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 41.8706, 0.3023, 0.3064.



This preview shows how white text looks on a background with the Yxy color 41.8706, 0.3023, 0.3064.

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

41.8706, 0.3023, 0.3064

Protanopia

41.9498, 0.2989, 0.3062

Deuteranopia

41.7467, 0.3086, 0.3016



Tritanopia

42.0065, 0.3039, 0.3116

Trichromacy



Original Color

41.8706, 0.3023, 0.3064

Protanomaly

42.0634, 0.2998, 0.3063

Deuteranomaly

41.7534, 0.3059, 0.3027

Tritanomaly

42.0489, 0.3030, 0.3103

Monochromacy



Original Color

41.8706, 0.3023, 0.3064

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1405, 0.3087, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8706, 0.3023, 0.3064 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 188) }
```

Border

The CSS property to change the border of an element to Yxy 41.8706, 0.3023, 0.3064 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, 188) }
```

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

```
.border{ border-color:rgb(175, 171, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 188);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8706, 0.3023, 0.3064 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, 188) }
```

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

```
.background{ background-color: rgb(175,  
171, 188) }
```

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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