

Converting Colors

$Yxy(47.5739, 0.2907, 0.3027)$

Have a look what the booklet for
Yxy(47.5739, 0.2907, 0.3027)
contains.

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Color

Yxy(47.3406, 0.2904, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	AFB7CC
RGB	175, 183, 204
RGB Percent	69%, 72%, 80%
CMY	0.3138, 0.2823, 0.2000
CMYK	0.14, 0.10, 0.00, 0.20
HSL	223°, 22%, 74%
HSV	223°, 14%, 80%
XYZ	45.5072, 47.3406, 63.8573
YIQ	183.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

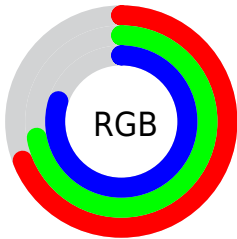
Format	Color
R _Y B	175, 181, 204
Decimal	11515852
CIE Lab	74.41, 1.47, -11.54
CIE LCh	74, 11.629, 277.265
Yxy	47.3406, 0.2904, 0.3021
Android (android.graphics.Color)	4289705932 (0xFFAFB7CC)
YUV	183.0020, 10.3520, -7.0178
Hunter-Lab	68.8045, -2.3484, -6.8638

Details

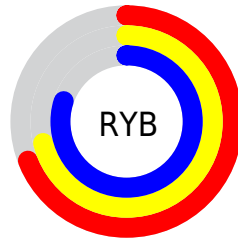
The Yxy color **47.3406, 0.2904, 0.3021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3910, 0.3352, 0.3545**, and the grayscale version is **47.3012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9419, 0.2980, 0.3129**, and **22.3048, 0.2837, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **39.3876, 0.2733, 0.2804**, and if you desaturate by 10%, it is **56.2920, 0.3064, 0.3215**.

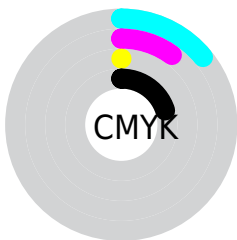
Distribution



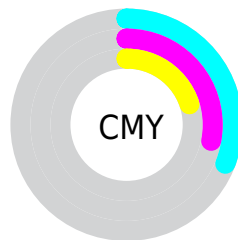
- Red (69%)
- Green (72%)
- Blue (80%)



- Red (69%)
- Yellow (71%)
- Blue (80%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3406, 0.2904, 0.3021 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 47.3406, 0.2904, 0.3021 by changing the saturation by 10% instead.

■ 47.3406, 0.2904,
0.3021

■ 47.3406, 0.2904,
0.3021

376.1724, 0.3015,
0.3154

■ 33.3050, 0.2877,
0.2988

■ 86.2218, 0.2944,
0.3069

■ 22.3602, 0.2841,
0.2946

111.8362, 0.2959,
0.3087

■ 14.1218, 0.2795,
0.2891

142.0790, 0.2972,
0.3103

■ 8.2054, 0.2730,
0.2815

177.3345, 0.2983,
0.3116

■ 4.2267, 0.2635,
0.2703

217.9873, 0.2993,
0.3127

■ 1.8012, 0.2482,
0.2525

264.4216, 0.3001,

■ 0.4879, 0.2103,

0.3137

0.2054

317.0218, 0.3008,
0.3146

0.0000, 0.0000,
0.0000

47.3406, 0.2904,
0.3021

47.3406, 0.2904,
0.3021

39.3876, 0.2733,
0.2804

56.2920, 0.3064,
0.3215

32.3915, 0.2552,
0.2565

66.2694, 0.3210,
0.3386

26.3166, 0.2367,
0.2306

77.3069, 0.3344,
0.3537

21.1226, 0.2183,
0.2035

89.1347, 0.3453,
0.3669

16.7661, 0.2009,
0.1760

97.1390, 0.3430,
0.3790

■ 13.1994, 0.1854,
0.1493

■ 10.3696, 0.1727,
0.1248

■ 8.2158, 0.1634,
0.1038

■ 7.2330, 0.1593,
0.0934

Harmonies

Analogous

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



47.3406, 0.2827, 0.3079



47.3406, 0.2904, 0.3021



47.3406, 0.3042, 0.3033

Triad

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



47.3406, 0.2904, 0.3021



47.3406, 0.3436, 0.3370



47.3406, 0.3044, 0.3483

Complementary

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



47.3406, 0.2904, 0.3021



55.3910, 0.3352, 0.3545

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.



47.3406, 0.3207, 0.3564



47.3406, 0.2904, 0.3021



47.3406, 0.3436, 0.3493

Square

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



47.3406, 0.2904, 0.3021



47.3406, 0.3351, 0.3230



47.3406, 0.3351, 0.3566



47.3406, 0.2906, 0.3346

Rectangle

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



47.3406, 0.2904, 0.3021



47.3406, 0.3150, 0.3077



47.3406, 0.3351, 0.3566



47.3406, 0.3098, 0.3517

Sweetspot

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



47.3426, 0.2904, 0.3021



93.5001, 0.3066, 0.3218



56.2667, 0.2967, 0.3393



19.7579, 0.3055, 0.3204



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



47.3426, 0.2904, 0.3021



74.2886, 0.2854, 0.2958



44.8680, 0.2952, 0.2921



11.3411, 0.2983, 0.3117



4.6889, 0.1599, 0.0958



0.3716, 0.1710, 0.1355

Inverse Universe

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



46.9079, 0.3319, 0.3192



73.5350, 0.3367, 0.3170



58.2397, 0.3288, 0.3645



11.2639, 0.3247, 0.3226



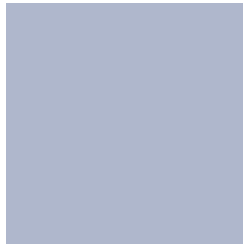
8.2763, 0.5823, 0.2982



0.4401, 0.5252, 0.2667

Previews

White Background



This preview shows how the Yxy color 47.3406, 0.2904, 0.3021 looks on a white background.

Color Contrast Check

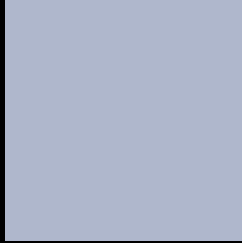
Large Text (above 18pt) WCAG AA × Fail

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 47.3406, 0.2904, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

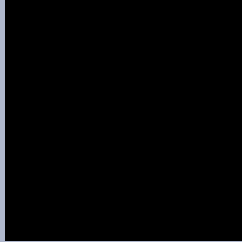
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

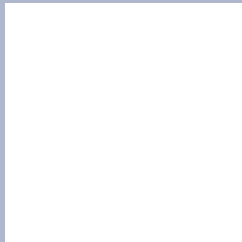
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3406, 0.2904, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 47.3406, 0.2904, 0.3021.



This preview shows how white text looks on a background with the Yxy color 47.3406, 0.2904, 0.3021.

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

47.3406, 0.2904, 0.3021

Protanopia

47.4710, 0.2951, 0.3023

Deuteranopia

47.1957, 0.3017, 0.2955



Tritanopia

47.4032, 0.2933, 0.3096

Trichromacy



Original Color

47.3406, 0.2904, 0.3021

Protanomaly

47.2327, 0.2935, 0.3022

Deuteranomaly

47.3646, 0.2976, 0.2977

Tritanomaly

47.4967, 0.2918, 0.3071

Monochromacy



Original Color

47.3406, 0.2904, 0.3021

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3319, 0.3040, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3406, 0.2904, 0.3021 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, 183, 204)` looks like.

```
.text, #text, p{  
    color:rgb(175, 183, 204)  
}
```

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, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 183, 204) }
```

Border

The CSS property to change the border of an element to Yxy 47.3406, 0.2904, 0.3021 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, 183, 204) }
```

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

```
.border{ border-color:rgb(175, 183, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(175, 183,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3406, 0.2904, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 183, 204) }
```

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

```
.background{ background-color: rgb(175,  
183, 204) }
```

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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