

Converting Colors

$Y_{xy}(44.1712, 0.2924, 0.2931)$

Have a look what the booklet for
Yxy(44.1712, 0.2924, 0.2931)
contains.

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Color

Yxy(44.3189, 0.2924, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	B1AFCB
RGB	177, 175, 203
RGB Percent	69%, 69%, 80%
CMY	0.3061, 0.3136, 0.2040
CMYK	0.13, 0.14, 0.00, 0.20
HSL	244°, 21%, 74%
HSV	244°, 14%, 80%
XYZ	44.2281, 44.3189, 62.7120
YIQ	178.7900, -7.7960, 9.1320

Conversions

Conversions Part 2

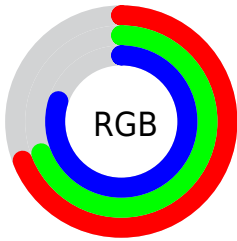
Format	Color
RYB	177, 175, 203
Decimal	11644875
CIELab	72.44, 6.25, -13.92
CIELCh	72, 15.255, 294.166
Yxy	44.3189, 0.2924, 0.2930
Android (android.graphics.Color)	4289834955 (0xFFB1AFCB)
YUV	178.7900, 11.9355, -1.5698
Hunter-Lab	66.5724, 2.0867, -9.2511

Details

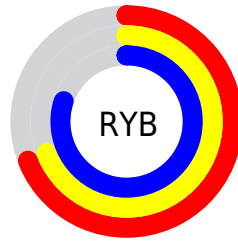
The Yxy color **44.3189, 0.2924, 0.2930** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.2277, 0.3316, 0.3629**, and the grayscale version is **44.8963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1373, 0.2993, 0.3037**, and **20.6209, 0.2862, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **34.9348, 0.2753, 0.2631**, and if you desaturate by 10%, it is **55.2021, 0.3075, 0.3198**.

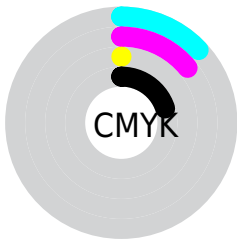
Distribution



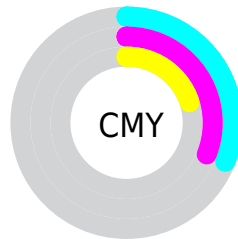
- Red (69%)
- Green (69%)
- Blue (80%)



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



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3189, 0.2924, 0.2930 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 44.3189, 0.2924, 0.2930 by changing the saturation by 10% instead.

■ 44.3189, 0.2924,
0.2930

■ 44.3189, 0.2924,
0.2930

■ 364.0080, 0.3027,
0.3108

■ 30.9213, 0.2898,
0.2886

■ 81.6974, 0.2962,
0.2994

■ 20.5389, 0.2864,
0.2830

■ 106.4471, 0.2976,
0.3019

■ 12.7874, 0.2819,
0.2756

■ 135.7496, 0.2988,
0.3039

■ 7.2823, 0.2756,
0.2654

■ 169.9893, 0.2998,
0.3057

■ 3.6393, 0.2661,
0.2506

■ 209.5506, 0.3006,
0.3072

■ 1.4739, 0.2503,
0.2269

■ 254.8179, 0.3014,

■ 0.2702, 0.2068,

0.3086

0.1365

306.1756, 0.3021,
0.3098

0.0000, 0.0000,
0.0000

44.3189, 0.2924,
0.2930

44.3189, 0.2924,
0.2930

34.9348, 0.2753,
0.2631

55.2021, 0.3075,
0.3198

26.9789, 0.2564,
0.2303

67.6403, 0.3207,
0.3433

20.3828, 0.2362,
0.1958

81.6932, 0.3320,
0.3637

15.0702, 0.2155,
0.1611

96.6353, 0.3420,
0.3803

10.9575, 0.1957,
0.1283

97.0910, 0.3436,
0.3800

■ 7.9510, 0.1782,
0.1002

■ 5.9431, 0.1644,
0.0789

■ 4.8047, 0.1553,
0.0659

■ 4.4033, 0.1519,
0.0611

Harmonies

Analogous

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



44.3189, 0.2773, 0.2953



44.3189, 0.2924, 0.2930



44.3189, 0.3134, 0.2996

Triad

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



44.3189, 0.2924, 0.2930



44.3189, 0.3558, 0.3492



44.3189, 0.2904, 0.3451

Complementary

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



44.3189, 0.2924, 0.2930



58.2277, 0.3316, 0.3629

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.



44.3189, 0.3109, 0.3611



44.3189, 0.2924, 0.2930



44.3189, 0.3490, 0.3627

Square

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



44.3189, 0.2924, 0.2930



44.3189, 0.3506, 0.3312



44.3189, 0.3323, 0.3674



44.3189, 0.2762, 0.3249

Rectangle

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



44.3189, 0.2924, 0.2930



44.3189, 0.3281, 0.3082



44.3189, 0.3323, 0.3674



44.3189, 0.2968, 0.3513

Sweetspot

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



44.3207, 0.2924, 0.2930



91.9058, 0.3071, 0.3190



55.2569, 0.2918, 0.3266



19.3561, 0.3060, 0.3171



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.



44.3207, 0.2924, 0.2930



68.5205, 0.2867, 0.2830



46.0404, 0.3040, 0.2942



10.8800, 0.2993, 0.3051



2.8174, 0.1524, 0.0613



0.1584, 0.1604, 0.0657

Inverse Universe

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



47.5848, 0.3158, 0.2976



75.2029, 0.3167, 0.2895



56.3826, 0.3205, 0.3641



11.3900, 0.3148, 0.3077



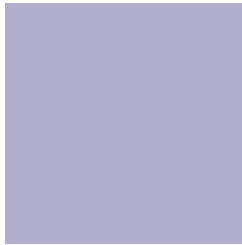
10.4273, 0.3387, 0.1639



0.5420, 0.3349, 0.1618

Previews

White Background



This preview shows how the Yxy color 44.3189, 0.2924, 0.2930 looks on a white background.

Color Contrast Check

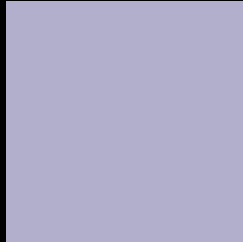
Large Text (above 18pt) WCAG AA × Fail

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 44.3189, 0.2924, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

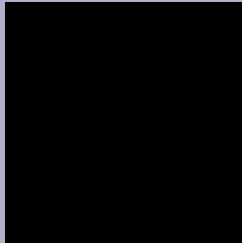
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3189, 0.2924, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 44.3189, 0.2924, 0.2930.



This preview shows how white text looks on a background with the Yxy color 44.3189, 0.2924, 0.2930.

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

44.3189, 0.2924, 0.2930

Protanopia

44.2945, 0.2885, 0.2927

Deuteranopia

44.2662, 0.2974, 0.2909



Tritanopia

44.3198, 0.2999, 0.3106

Trichromacy



Original Color

44.3189, 0.2924, 0.2930

Protanomaly

44.4090, 0.2893, 0.2928

Deuteranomaly

44.4077, 0.2957, 0.2920

Tritanomaly

44.2209, 0.2977, 0.3042

Monochromacy



Original Color

44.3189, 0.2924, 0.2930

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9366, 0.3048, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3189, 0.2924, 0.2930 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(177, 175, 203)` looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 203)  
}
```

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(177, 175, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 203) }
```

Border

The CSS property to change the border of an element to Yxy 44.3189, 0.2924, 0.2930 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(177, 175, 203) }
```

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

```
.border{ border-color:rgb(177, 175, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 175, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 203);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3189, 0.2924, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 203) }
```

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

```
.background{ background-color: rgb(177,  
175, 203) }
```

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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