

Converting Colors

$Y_{xy}(41.2919, 0.3036, 0.3116)$

Have a look what the booklet for
Yxy(41.2919, 0.3036, 0.3116)
contains.

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Color

Yxy(41.3572, 0.3029, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	ACABB8
RGB	172, 171, 184
RGB Percent	67%, 67%, 72%
CMY	0.3255, 0.3294, 0.2783
CMYK	0.07, 0.07, 0.00, 0.28
HSL	245°, 8%, 70%
HSV	245°, 7%, 72%
XYZ	40.2283, 41.3572, 51.2250
YIQ	172.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

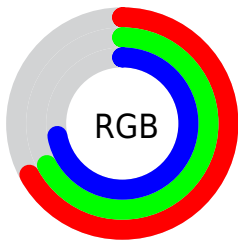
Format	Color
R _Y B	172, 171, 184
Decimal	11316152
CIE Lab	70.43, 2.88, -6.54
CIE LCh	70, 7.148, 293.782
Yxy	41.3572, 0.3029, 0.3114
Android (android.graphics.Color)	4289506232 (0xFFACABB8)
YUV	172.7810, 5.5310, -0.6849
Hunter-Lab	64.3096, -0.8826, -2.2101

Details

The Yxy color $41.3572, 0.3029, 0.3114$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.3060, 0.3222, 0.3461$, and the grayscale version is $41.6454, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0149, 0.3045, 0.3144$, and $18.8254, 0.3003, 0.3066$ is the 20% darker color. If you saturate the color by 10%, you get $33.0807, 0.2874, 0.2838$, and if you desaturate by 10%, it is $50.8516, 0.3165, 0.3358$.

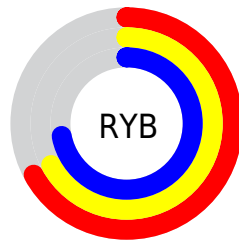
Distribution



Red (67%)

Green (67%)

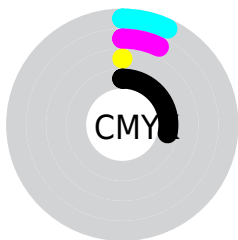
Blue (72%)



Red (67%)

Yellow (67%)

Blue (72%)

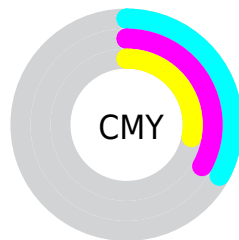


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3572, 0.3029, 0.3114 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 41.3572, 0.3029, 0.3114 by changing the saturation by 10% instead.

■ 41.3572, 0.3029,
0.3114

■ 41.3572, 0.3029,
0.3114

351.8113, 0.3079,
0.3203

■ 28.5983, 0.3016,
0.3091

■ 77.2258, 0.3048,
0.3147

■ 18.7772, 0.2999,
0.3062

101.1044, 0.3054,
0.3159

■ 11.5094, 0.2976,
0.3023

129.4582, 0.3060,
0.3169

■ 6.4105, 0.2944,
0.2967

162.6718, 0.3065,
0.3178

■ 3.0963, 0.2893,
0.2882

201.1295, 0.3069,
0.3186

■ 1.1822, 0.2805,
0.2738

245.2157, 0.3073,

■ 0.0471, 0.1716,

0.3192

0.0702

295.3149, 0.3076,
0.3198

0.0000, 0.0000,
0.0000

41.3572, 0.3029,
0.3114

41.3572, 0.3029,
0.3114

33.0807, 0.2874,
0.2838

50.8516, 0.3165,
0.3358

25.9676, 0.2699,
0.2532

61.6047, 0.3282,
0.3571

19.9675, 0.2508,
0.2200

73.6622, 0.3383,
0.3756

15.0239, 0.2306,
0.1855

87.0658, 0.3470,
0.3916

11.0756, 0.2102,
0.1514

96.2419, 0.3549,
0.3988

■ 8.0548, 0.1910,
0.1200

■ 5.8855, 0.1745,
0.0938

■ 4.4795, 0.1620,
0.0748

■ 3.7160, 0.1540,
0.0637

Harmonies

Analogous

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



41.3572, 0.2955, 0.3128



41.3572, 0.3029, 0.3114



41.3572, 0.3130, 0.3145

Triad

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



41.3572, 0.3029, 0.3114



41.3572, 0.3332, 0.3389



41.3572, 0.3022, 0.3368

Complementary

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



41.3572, 0.3029, 0.3114



47.3060, 0.3222, 0.3461

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.



41.3572, 0.3121, 0.3441



41.3572, 0.3029, 0.3114



41.3572, 0.3302, 0.3452

Square

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



41.3572, 0.3029, 0.3114



41.3572, 0.3307, 0.3302



41.3572, 0.3224, 0.3472



41.3572, 0.2951, 0.3274

Rectangle

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



41.3572, 0.3029, 0.3114



41.3572, 0.3200, 0.3188



41.3572, 0.3224, 0.3472



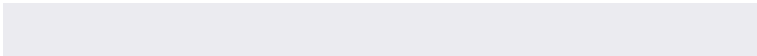
41.3572, 0.3053, 0.3396

Sweetspot

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



41.3590, 0.3029, 0.3114



83.3442, 0.3100, 0.3241



46.0535, 0.3019, 0.3278



18.0068, 0.3101, 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.



41.3590, 0.3029, 0.3114



73.2609, 0.3014, 0.3086



42.1000, 0.3085, 0.3117



8.7511, 0.2996, 0.3055



2.4616, 0.1529, 0.0616



0.0978, 0.1641, 0.0678

Inverse Universe

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



42.7422, 0.3143, 0.3133



76.1224, 0.3146, 0.3109



46.5392, 0.3167, 0.3464



9.1507, 0.3149, 0.3081



9.0302, 0.3406, 0.1650



0.3218, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 41.3572, 0.3029, 0.3114 looks on a white background.

Color Contrast Check

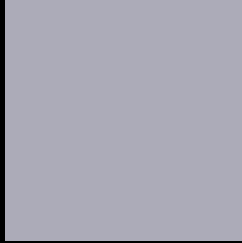
Large Text (above 18pt) WCAG AA × Fail

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 41.3572, 0.3029, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

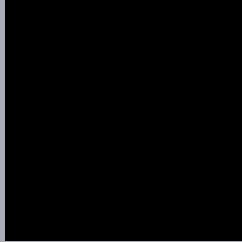
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

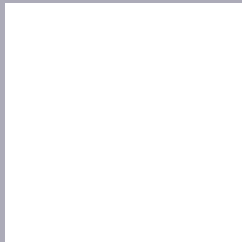
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3572, 0.3029, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 41.3572, 0.3029, 0.3114.

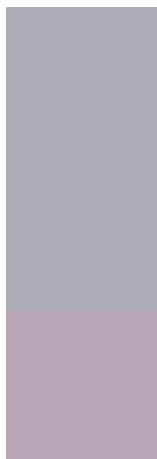


This preview shows how white text looks on a background with the Yxy color 41.3572, 0.3029, 0.3114.

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

41.3572, 0.3029, 0.3114

Protanopia

41.3572, 0.3029, 0.3114

Deuteranopia

41.2075, 0.3120, 0.3054



Tritanopia

41.3572, 0.3029, 0.3114

Trichromacy



Original Color

41.3572, 0.3029, 0.3114

Protanomaly

41.3572, 0.3029, 0.3114

Deuteranomaly

41.0918, 0.3084, 0.3064

Tritanomaly

41.3572, 0.3029, 0.3114

Monochromacy



Original Color

41.3572, 0.3029, 0.3114

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5636, 0.3095, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3572, 0.3029, 0.3114 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(172, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 184)  
}
```

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(172, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 184) }
```

Border

The CSS property to change the border of an element to Yxy 41.3572, 0.3029, 0.3114 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(172, 171, 184) }
```

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

```
.border{ border-color:rgb(172, 171, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3572, 0.3029, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 184) }
```

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

```
.background{ background-color: rgb(172,  
171, 184) }
```

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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