

Converting Colors

Yxy(41.4061, 0.2973, 0.3069)

Have a look what the booklet for
Yxy(41.4061, 0.2973, 0.3069)
contains.

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Color

Yxy(41.5709, 0.2972, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	A9ACBC
RGB	169, 172, 188
RGB Percent	66%, 67%, 74%
CMY	0.3372, 0.3255, 0.2628
CMYK	0.10, 0.08, 0.00, 0.26
HSL	231°, 12%, 70%
HSV	231°, 10%, 74%
XYZ	40.1915, 41.5709, 53.4715
YIQ	172.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

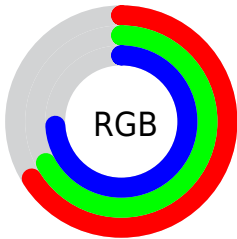
Format	Color
R _Y B	169, 172, 188
Decimal	11119804
CIE Lab	70.57, 2.13, -8.53
CIE LCh	71, 8.787, 284.010
Yxy	41.5709, 0.2972, 0.3074
Android (android.graphics.Color)	4289309884 (0xFFA9ACBC)
YUV	172.9270, 7.4310, -3.4440
Hunter-Lab	64.4755, -1.5622, -4.0381

Details

The Yxy color $41.5709, 0.2972, 0.3074$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.2470, 0.3279, 0.3497$, and the grayscale version is $41.7152, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3171, 0.3000, 0.3112$, and $18.9641, 0.2925, 0.3010$ is the 20% darker color. If you saturate the color by 10%, you get $33.9687, 0.2802, 0.2832$, and if you desaturate by 10%, it is $50.1935, 0.3126, 0.3288$.

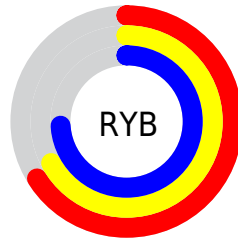
Distribution



Red (66%)

Green (67%)

Blue (74%)



Red (66%)

Yellow (67%)

Blue (74%)

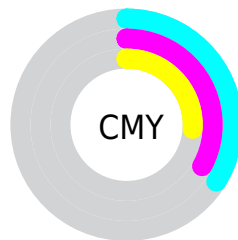


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5709, 0.2972, 0.3074 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 41.5709, 0.2972, 0.3074 by changing the saturation by 10% instead.

■ 41.5709, 0.2972,
0.3074

■ 41.5709, 0.2972,
0.3074

■ 352.7011, 0.3051,
0.3183

■ 28.7654, 0.2952,
0.3046

■ 77.5498, 0.3001,
0.3114

■ 18.9035, 0.2926,
0.3011

■ 101.4920, 0.3012,
0.3129

■ 11.6005, 0.2890,
0.2962

■ 129.9153, 0.3021,
0.3142

■ 6.4723, 0.2840,
0.2895

■ 163.2040, 0.3029,
0.3152

■ 3.1343, 0.2762,
0.2791

■ 201.7425, 0.3036,
0.3162

■ 1.2023, 0.2629,
0.2617

■ 245.9153, 0.3041,

■ 0.0636, 0.1335,

0.3170

0.0756

296.1067, 0.3047,
0.3177

0.0000, 0.0000,
0.0000

41.5709, 0.2972,
0.3074

41.5709, 0.2972,
0.3074

33.9687, 0.2802,
0.2832

50.1935, 0.3126,
0.3288

27.3439, 0.2619,
0.2564

59.8670, 0.3264,
0.3476

21.6581, 0.2425,
0.2273

70.6272, 0.3386,
0.3639

16.8681, 0.2227,
0.1966

82.5067, 0.3494,
0.3781

12.9278, 0.2035,
0.1657

93.9873, 0.3535,
0.3915

■ 9.7864, 0.1860,
0.1361

■ 96.4100, 0.3526,
0.3949

■ 7.3878, 0.1713,
0.1098

■ 5.6680, 0.1606,
0.0885

■ 4.5414, 0.1537,
0.0732

Harmonies

Analogous

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



41.5709, 0.2898, 0.3109



41.5709, 0.2972, 0.3074



41.5709, 0.3089, 0.3095

Triad

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



41.5709, 0.2972, 0.3074



41.5709, 0.3377, 0.3378



41.5709, 0.3035, 0.3420

Complementary

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



41.5709, 0.2972, 0.3074



48.2470, 0.3279, 0.3497

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.



41.5709, 0.3162, 0.3495



41.5709, 0.2972, 0.3074



41.5709, 0.3361, 0.3468

Square

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



41.5709, 0.2972, 0.3074



41.5709, 0.3324, 0.3268



41.5709, 0.3282, 0.3512



41.5709, 0.2934, 0.3308

Rectangle

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



41.5709, 0.2972, 0.3074



41.5709, 0.3175, 0.3137



41.5709, 0.3282, 0.3512



41.5709, 0.3076, 0.3451

Sweetspot

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



41.5726, 0.2972, 0.3074



86.1711, 0.3082, 0.3228



47.8899, 0.2997, 0.3332



18.2541, 0.3070, 0.3211



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.



41.5726, 0.2972, 0.3074



72.3090, 0.2938, 0.3025



41.1625, 0.3027, 0.3037



9.4620, 0.2984, 0.3091



3.1650, 0.1541, 0.0747



0.2016, 0.1647, 0.1128

Inverse Universe

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



42.0475, 0.3276, 0.3251



73.3641, 0.3311, 0.3243



48.7269, 0.3221, 0.3539



9.5603, 0.3264, 0.3254



7.3492, 0.6155, 0.3164



0.2957, 0.5570, 0.2842

Previews

White Background



This preview shows how the Yxy color 41.5709, 0.2972, 0.3074 looks on a white background.

Color Contrast Check

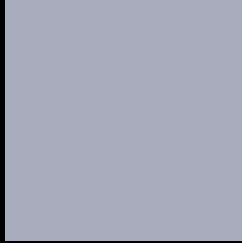
Large Text (above 18pt) WCAG AA × Fail

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 41.5709, 0.2972, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

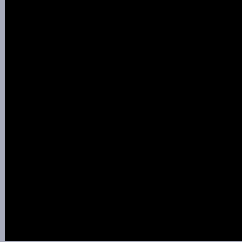
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

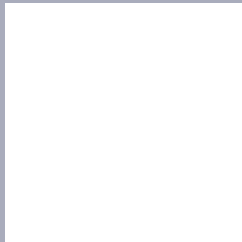
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5709, 0.2972, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 41.5709, 0.2972, 0.3074.

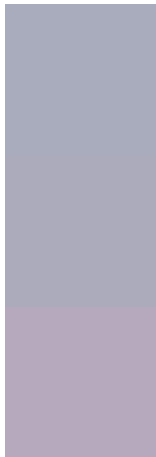


This preview shows how white text looks on a background with the Yxy color 41.5709, 0.2972, 0.3074.

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

41.5709, 0.2972, 0.3074

Protanopia

41.4146, 0.2989, 0.3061

Deuteranopia

41.6245, 0.3077, 0.3015



Tritanopia

41.4852, 0.2987, 0.3100

Trichromacy



Original Color

41.5709, 0.2972, 0.3074

Protanomaly

41.3027, 0.2980, 0.3061

Deuteranomaly

41.3972, 0.3033, 0.3025

Tritanomaly

41.5279, 0.2980, 0.3087

Monochromacy



Original Color

41.5709, 0.2972, 0.3074

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8721, 0.3077, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5709, 0.2972, 0.3074 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(169, 172, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 172, 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(169, 172, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 188) }
```

Border

The CSS property to change the border of an element to Yxy 41.5709, 0.2972, 0.3074 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(169, 172, 188) }
```

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

```
.border{ border-color:rgb(169, 172, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 172, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 172, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 172, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 172,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5709, 0.2972, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 172, 188) }
```

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

```
.background{ background-color: rgb(169,  
172, 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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