

Converting Colors

$Y_{xy}(30.1612, 0.3022, 0.2846)$

Have a look what the booklet for
Yxy(30.1612, 0.3022, 0.2846)
contains.

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Color

Yxy(30.2391, 0.3025, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	A18FAD
RGB	161, 143, 173
RGB Percent	63%, 56%, 68%
CMY	0.3687, 0.4392, 0.3215
CMYK	0.07, 0.17, 0.00, 0.32
HSL	276°, 15%, 62%
HSV	276°, 17%, 68%
XYZ	32.0621, 30.2391, 43.6893
YIQ	151.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

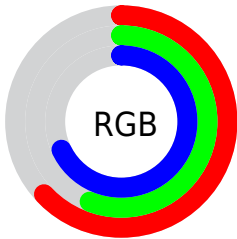
Format	Color
RYB	161, 143, 173
Decimal	10588077
CIELab	61.86, 12.46, -13.27
CIElCh	62, 18.203, 313.183
Yxy	30.2391, 0.3025, 0.2853
Android (android.graphics.Color)	4288778157 (0xFFA18FAD)
YUV	151.8020, 10.4506, 8.0666
Hunter-Lab	54.9901, 7.8423, -8.6125

Details

The Yxy color **30.2391, 0.3025, 0.2853** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.8484, 0.3214, 0.3735**, and the grayscale version is **31.2637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1329, 0.3051, 0.2946**, and **12.4604, 0.2978, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **24.7393, 0.2952, 0.2581**, and if you desaturate by 10%, it is **36.5826, 0.3087, 0.3111**.

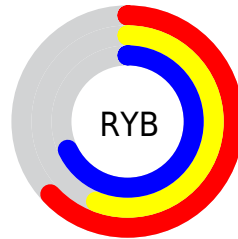
Distribution



Red (63%)

Green (56%)

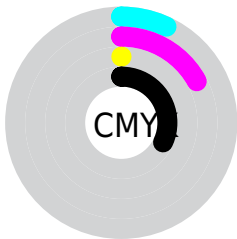
Blue (68%)



Red (63%)

Yellow (56%)

Blue (68%)

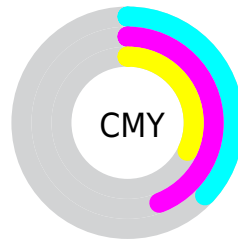


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (37%)


Magenta (44%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2391, 0.3025, 0.2853 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 30.2391, 0.3025, 0.2853 by changing the saturation by 10% instead.


 30.2391, 0.3025,
0.2853


 30.2391, 0.3025,
0.2853


303.0174, 0.3082,
0.3081


 20.0201, 0.3009,
0.2793


 60.0401, 0.3047,
0.2938

 12.4097, 0.2986,
0.2714


 80.3909, 0.3055,
0.2969

 7.0233, 0.2954,
0.2606


 104.8878, 0.3062,
0.2995

 3.4767, 0.2903,
0.2450

133.9152, 0.3067,
0.3018

 1.3854, 0.2814,
0.2202

167.8575, 0.3072,
0.3037

 0.2059, 0.2672,
0.1101

207.0990, 0.3076,

 0.0000, 0.0000,

0.3053

0.0000

252.0241, 0.3079,
0.3068

■ 30.2391, 0.3025,
0.2853

■ 30.2391, 0.3025,
0.2853

■ 24.7393, 0.2952,
0.2581

■ 36.5826, 0.3087,
0.3111

■ 20.0420, 0.2869,
0.2300

■ 43.8009, 0.3140,
0.3352

■ 16.1086, 0.2777,
0.2020

■ 51.9280, 0.3184,
0.3573

■ 12.8953, 0.2676,
0.1753

■ 60.9952, 0.3221,
0.3774

■ 10.3540, 0.2570,
0.1509

■ 71.0320, 0.3251,
0.3955

■ 8.4304, 0.2463,
0.1303

■ 82.0668, 0.3275,
0.4118

■ 7.0613, 0.2358,
0.1143

■ 88.1708, 0.3309,
0.4183

■ 6.1514, 0.2260,
0.1031

■ 89.2080, 0.3354,
0.4170

■ 5.9407, 0.2234,
0.1004

■ 90.2897, 0.3400,
0.4156

Harmonies

Analogous

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



30.2391, 0.2766, 0.2804



30.2391, 0.3025, 0.2853



30.2391, 0.3324, 0.3004

Triad

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



30.2391, 0.3025, 0.2853



30.2391, 0.3670, 0.3685



30.2391, 0.2692, 0.3333

Complementary

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



30.2391, 0.3025, 0.2853



38.8484, 0.3214, 0.3735

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.



30.2391, 0.2918, 0.3603



30.2391, 0.3025, 0.2853



30.2391, 0.3485, 0.3806

Square

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



30.2391, 0.3025, 0.2853



30.2391, 0.3707, 0.3471



30.2391, 0.3208, 0.3780



30.2391, 0.2581, 0.3065

Rectangle

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



30.2391, 0.3025, 0.2853



30.2391, 0.3504, 0.3147



30.2391, 0.3208, 0.3780



30.2391, 0.2756, 0.3427

Sweetspot

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



30.2404, 0.3025, 0.2853



68.2831, 0.3100, 0.3167



32.4709, 0.2858, 0.3025



14.6562, 0.3096, 0.3151



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.2404, 0.3025, 0.2853



50.0089, 0.2997, 0.2745



31.4547, 0.3171, 0.2903



7.9855, 0.3076, 0.3062



4.3974, 0.2244, 0.1010



0.1530, 0.2541, 0.1173

Inverse Universe

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



30.9007, 0.3327, 0.3117



51.4578, 0.3384, 0.3075



37.7933, 0.3085, 0.3711



8.0666, 0.3226, 0.3199



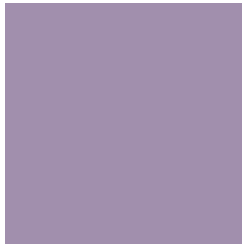
6.8563, 0.5336, 0.2713



0.2017, 0.4543, 0.2276

Previews

White Background



This preview shows how the Yxy color 30.2391, 0.3025, 0.2853 looks on a white background.

Color Contrast Check

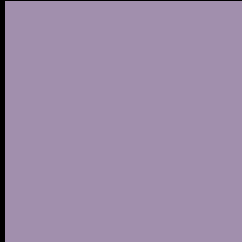
Large Text (above 18pt) WCAG AA × Fail

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 30.2391, 0.3025, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

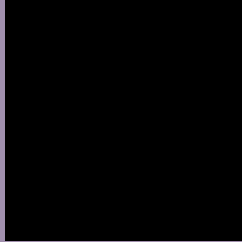
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2391, 0.3025, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 30.2391, 0.3025, 0.2853.



This preview shows how white text looks on a background with the Yxy color 30.2391, 0.3025, 0.2853.

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

30.2391, 0.3025, 0.2853

Protanopia

30.2437, 0.2837, 0.2867

Deuteranopia

30.3086, 0.2955, 0.2902



Tritanopia

30.3630, 0.3156, 0.3125

Trichromacy



Original Color

30.2391, 0.3025, 0.2853

Protanomaly

30.1369, 0.2900, 0.2857

Deuteranomaly

30.2973, 0.2985, 0.2891

Tritanomaly

30.3687, 0.3109, 0.3023

Monochromacy



Original Color

30.2391, 0.3025, 0.2853

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0015, 0.3084, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2391, 0.3025, 0.2853 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(161, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(161, 143, 173)  
}
```

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(161, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 143, 173) }
```

Border

The CSS property to change the border of an element to Yxy 30.2391, 0.3025, 0.2853 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(161, 143, 173) }
```

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

```
.border{ border-color:rgb(161, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(161, 143,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2391, 0.3025, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 143, 173) }
```

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

```
.background{ background-color: rgb(161,  
143, 173) }
```

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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