

Converting Colors

$Y_{xy}(40.7743, 0.2921, 0.3083)$

Have a look what the booklet for
Yxy(40.7743, 0.2921, 0.3083)
contains.

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Color

Yxy(40.7743, 0.2921, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	A2ACBB
RGB	162, 172, 187
RGB Percent	64%, 67%, 73%
CMY	0.3645, 0.3255, 0.2667
CMYK	0.13, 0.08, 0.00, 0.27
HSL	216°, 15%, 68%
HSV	216°, 13%, 73%
XYZ	38.6318, 40.7743, 52.8492
YIQ	170.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

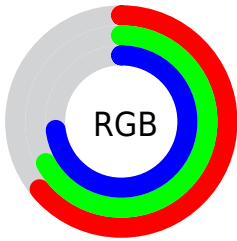
Format	Color
R_{YB}	162, 169, 187
Decimal	10661051
CIE _{Lab}	70.02, -0.39, -8.87
CIE _{LCh}	70, 8.880, 267.466
Yxy	40.7743, 0.2921, 0.3083
Android (android.graphics.Color)	4288851131 (0xFFA2ACBB)
YUV	170.7200, 8.0260, -7.6474
Hunter-Lab	63.8548, -3.7543, -4.3729

Details

The Yxy color **40.7743, 0.2921, 0.3083** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.6514, 0.3341, 0.3489**, and the grayscale version is **40.5454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1609, 0.2960, 0.3120**, and **18.4692, 0.2855, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **34.8548, 0.2757, 0.2907**, and if you desaturate by 10%, it is **47.3516, 0.3077, 0.3241**.

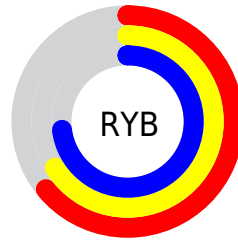
Distribution



Red (64%)

Green (67%)

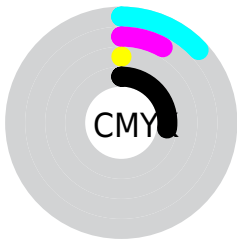
Blue (73%)



Red (64%)

Yellow (66%)

Blue (73%)

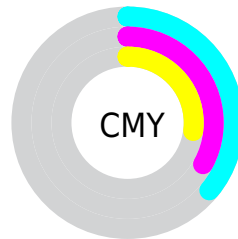


Cyan (13%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (36%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.7743, 0.2921, 0.3083 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 40.7743, 0.2921, 0.3083 by changing the saturation by 10% instead.

■ 40.7743, 0.2921,
0.3083

■ 40.7743, 0.2921,
0.3083

349.3764, 0.3026,
0.3189

■ 28.1428, 0.2894,
0.3056

■ 76.3412, 0.2960,
0.3122

■ 18.4333, 0.2859,
0.3021

■ 100.0453, 0.2974,
0.3136

■ 11.2615, 0.2812,
0.2973

128.2090, 0.2986,
0.3148

■ 6.2430, 0.2746,
0.2906

161.2168, 0.2996,
0.3159

■ 2.9934, 0.2643,
0.2802

199.4531, 0.3005,
0.3168

■ 1.1283, 0.2468,
0.2624

243.3022, 0.3013,

■ 0.0019, 0.0000,

0.3176

0.0031

293.1485, 0.3020,
0.3183

0.0000, 0.0000,
0.0000

40.7743, 0.2921,
0.3083

40.7743, 0.2921,
0.3083

34.8548, 0.2757,
0.2907

47.3516, 0.3077,
0.3241

29.5662, 0.2587,
0.2712

54.6022, 0.3224,
0.3382

24.8871, 0.2416,
0.2502

62.5476, 0.3360,
0.3506

20.7930, 0.2247,
0.2279

71.2065, 0.3485,
0.3614

17.2572, 0.2089,
0.2048

80.4899, 0.3597,
0.3710

■ 14.2507, 0.1946,
0.1816

■ 86.8980, 0.3569,
0.3817

■ 11.7412, 0.1826,
0.1591

■ 93.7171, 0.3542,
0.3921

■ 9.6914, 0.1732,
0.1383

■ 96.3680, 0.3532,
0.3959

■ 8.5411, 0.1682,
0.1255

Harmonies

Analogous

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



40.7743, 0.2878, 0.3148



40.7743, 0.2921, 0.3083



40.7743, 0.3019, 0.3073

Triad

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



40.7743, 0.2921, 0.3083



40.7743, 0.3359, 0.3318



40.7743, 0.3103, 0.3471

Complementary

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



40.7743, 0.2921, 0.3083



44.6514, 0.3341, 0.3489

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.



40.7743, 0.3233, 0.3517



40.7743, 0.2921, 0.3083



40.7743, 0.3383, 0.3425

Square

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



40.7743, 0.2921, 0.3083



40.7743, 0.3273, 0.3207



40.7743, 0.3336, 0.3498



40.7743, 0.2982, 0.3374

Rectangle

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



40.7743, 0.2921, 0.3083



40.7743, 0.3103, 0.3098



40.7743, 0.3336, 0.3498



40.7743, 0.3147, 0.3493

Sweetspot

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



40.7760, 0.2921, 0.3083



83.9062, 0.3066, 0.3230



46.4055, 0.2999, 0.3426



18.2733, 0.3055, 0.3219



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.



40.7760, 0.2921, 0.3083



69.8093, 0.2874, 0.3033



37.4023, 0.2939, 0.2945



9.8316, 0.2984, 0.3148



6.0174, 0.1688, 0.1277



0.3641, 0.1825, 0.1768

Inverse Universe

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



39.4058, 0.3276, 0.3159



66.9751, 0.3314, 0.3129



48.4064, 0.3302, 0.3617



9.5976, 0.3228, 0.3199



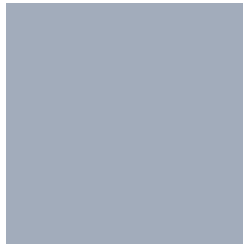
7.6372, 0.5358, 0.2725



0.3121, 0.4724, 0.2376

Previews

White Background



This preview shows how the Yxy color 40.7743, 0.2921, 0.3083 looks on a white background.

Color Contrast Check

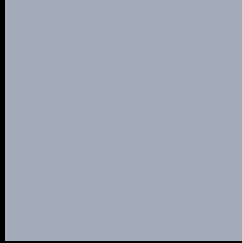
Large Text (above 18pt) WCAG AA × Fail

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 40.7743, 0.2921, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

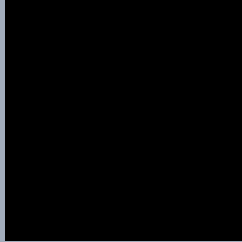
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

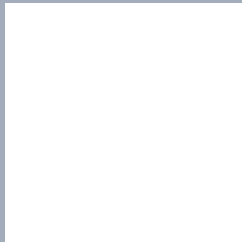
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.7743, 0.2921, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 40.7743, 0.2921, 0.3083.

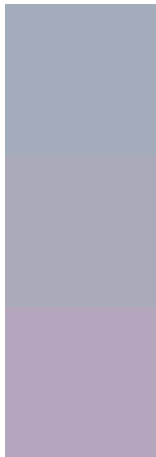


This preview shows how white text looks on a background with the Yxy color 40.7743, 0.2921, 0.3083.

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

40.7743, 0.2921, 0.3083

Protanopia

40.8407, 0.2996, 0.3073

Deuteranopia

40.6066, 0.3068, 0.3000



Tritanopia

40.7316, 0.2928, 0.3097

Trichromacy



Original Color

40.7743, 0.2921, 0.3083

Protanomaly

40.8865, 0.2970, 0.3085

Deuteranomaly

40.5203, 0.3006, 0.3021

Tritanomaly

40.7316, 0.2928, 0.3097

Monochromacy



Original Color

40.7743, 0.2921, 0.3083

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6250, 0.3051, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7743, 0.2921, 0.3083 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(162, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 187)  
}
```

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(162, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 187) }
```

Border

The CSS property to change the border of an element to Yxy 40.7743, 0.2921, 0.3083 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(162, 172, 187) }
```

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

```
.border{ border-color:rgb(162, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7743, 0.2921, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 187) }
```

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

```
.background{ background-color: rgb(162,  
172, 187) }
```

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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