

Converting Colors

$Y_{xy}(40.1959, 0.2780, 0.3028)$

Have a look what the booklet for
Yxy(40.1959, 0.2780, 0.3028)
contains.

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Color

Yxy(40.0825, 0.2779, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	95ADC0
RGB	149, 173, 192
RGB Percent	58%, 68%, 75%
CMY	0.4158, 0.3215, 0.2471
CMYK	0.22, 0.10, 0.00, 0.25
HSL	206°, 25%, 67%
HSV	206°, 22%, 75%
XYZ	36.8473, 40.0825, 55.6620
YIQ	167.9900, -20.4030, 0.8210

Conversions

Conversions Part 2

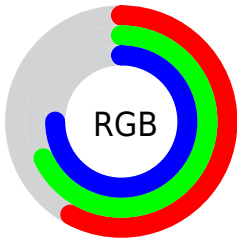
Format	Color
R _{YB}	149, 164, 192
Decimal	9809344
CIE Lab	69.53, -4.08, -12.46
CIE LCh	70, 13.105, 251.876
Yxy	40.0825, 0.2779, 0.3023
Android (android.graphics.Color)	4287999424 (0xFF95ADC0)
YUV	167.9900, 11.8369, -16.6542
Hunter-Lab	63.3107, -6.9056, -7.8095

Details

The Yxy color **40.0825, 0.2779, 0.3023** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3623, 0.3525, 0.3543**, and the grayscale version is **39.0990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1015, 0.2848, 0.3074**, and **18.0802, 0.2669, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **35.2784, 0.2621, 0.2884**, and if you desaturate by 10%, it is **45.3935, 0.2937, 0.3150**.

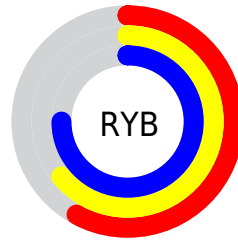
Distribution



Red (58%)

Green (68%)

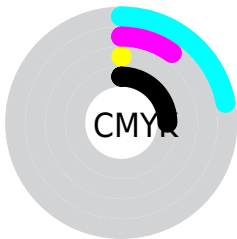
Blue (75%)



Red (58%)

Yellow (64%)

Blue (75%)

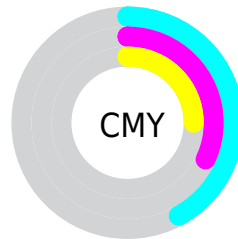


Cyan (22%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0825, 0.2779, 0.3023 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 40.0825, 0.2779, 0.3023 by changing the saturation by 10% instead.

■ 40.0825, 0.2779,
0.3023

■ 40.0825, 0.2779,
0.3023

■ 346.4712, 0.2956,
0.3160

■ 27.6029, 0.2734,
0.2987

■ 75.2891, 0.2844,
0.3074

■ 18.0265, 0.2676,
0.2941

■ 98.7849, 0.2868,
0.3093

■ 10.9690, 0.2598,
0.2878

■ 126.7215, 0.2888,
0.3109

■ 6.0460, 0.2489,
0.2788

■ 159.4834, 0.2906,
0.3122

■ 2.8731, 0.2323,
0.2650

■ 197.4549, 0.2921,
0.3134

■ 1.0658, 0.2046,
0.2411

■ 241.0205, 0.2934,

■ 0.0000, 0.0000,

0.3144

0.0000

290.5644, 0.2945,
0.3153

■ 40.0825, 0.2779,
0.3023

■ 40.0825, 0.2779,
0.3023

■ 35.2784, 0.2621,
0.2884

■ 45.3935, 0.2937,
0.3150

■ 30.9581, 0.2465,
0.2734

■ 51.2238, 0.3091,
0.3264

■ 27.1033, 0.2316,
0.2574

■ 57.5913, 0.3239,
0.3367

■ 23.6928, 0.2179,
0.2406

■ 64.5116, 0.3381,
0.3457

■ 20.7029, 0.2057,
0.2235

■ 71.9996, 0.3515,
0.3537

■ 18.1073, 0.1955,
0.2064

■ 78.2895, 0.3573,
0.3615

■ 15.8748, 0.1875,
0.1897

■ 82.9523, 0.3553,
0.3698

■ 14.3819, 0.1826,
0.1774

■ 87.8452, 0.3533,
0.3779

■ 92.9712, 0.3514,
0.3857

Harmonies

Analogous

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



40.0825, 0.2765, 0.3153



40.0825, 0.2779, 0.3023



40.0825, 0.2883, 0.2968

Triad

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



40.0825, 0.2779, 0.3023



40.0825, 0.3416, 0.3243



40.0825, 0.3192, 0.3609

Complementary

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



40.0825, 0.2779, 0.3023



41.3623, 0.3525, 0.3543

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.



40.0825, 0.3371, 0.3625



40.0825, 0.2779, 0.3023



40.0825, 0.3503, 0.3408

Square

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



40.0825, 0.2779, 0.3023



40.0825, 0.3249, 0.3094



40.0825, 0.3486, 0.3549



40.0825, 0.2999, 0.3499

Rectangle

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



40.0825, 0.2779, 0.3023



40.0825, 0.2992, 0.2977



40.0825, 0.3486, 0.3549



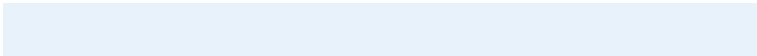
40.0825, 0.3255, 0.3625

Sweetspot

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



40.0841, 0.2779, 0.3023



87.7327, 0.3019, 0.3212



46.8975, 0.2965, 0.3634



18.6843, 0.3010, 0.3205



97.7402, 0.3127, 0.3290



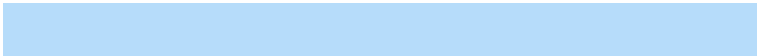
20.4902, 0.3127, 0.3290

Same Dimension

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



40.0841, 0.2779, 0.3023



68.1486, 0.2699, 0.2955



32.5949, 0.2756, 0.2714



10.6606, 0.2984, 0.3186



9.8350, 0.1832, 0.1795



0.5605, 0.1934, 0.2161

Inverse Universe

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



35.7080, 0.3334, 0.2974



59.1109, 0.3392, 0.2900



49.8259, 0.3468, 0.3808



10.1700, 0.3204, 0.3162



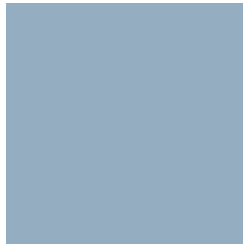
8.2751, 0.4692, 0.2358



0.3712, 0.4275, 0.2128

Previews

White Background



This preview shows how the Yxy color 40.0825, 0.2779, 0.3023 looks on a white background.

Color Contrast Check

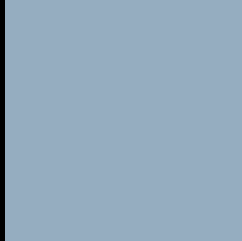
Large Text (above 18pt) WCAG AA × Fail

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 40.0825, 0.2779, 0.3023 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

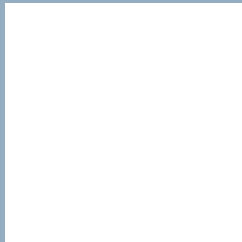
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0825, 0.2779, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 40.0825, 0.2779, 0.3023.



This preview shows how white text looks on a background with the Yxy color 40.0825, 0.2779, 0.3023.

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

40.0825, 0.2779, 0.3023

Protanopia

39.8949, 0.2946, 0.3004

Deuteranopia

39.9193, 0.2975, 0.2906



Tritanopia

40.1988, 0.2801, 0.3091

Trichromacy



Original Color

40.0825, 0.2779, 0.3023

Protanomaly

39.9407, 0.2880, 0.3014

Deuteranomaly

39.9625, 0.2906, 0.2951

Tritanomaly

40.2421, 0.2794, 0.3078

Monochromacy



Original Color

40.0825, 0.2779, 0.3023

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.5008, 0.2990, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0825, 0.2779, 0.3023 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(149, 173, 192)` looks like.

```
.text, #text, p{  
    color:rgb(149, 173, 192)  
}
```

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(149, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 173, 192) }
```

Border

The CSS property to change the border of an element to Yxy 40.0825, 0.2779, 0.3023 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(149, 173, 192) }
```

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

```
.border{ border-color:rgb(149, 173, 192) }
```

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

Here you see how a box with a 4 pixel rgb(149, 173, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(149, 173,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0825, 0.2779, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 173, 192) }
```

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

```
.background{ background-color: rgb(149,  
173, 192) }
```

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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