

Converting Colors

$Y_{xy}(40.5843, 0.2921, 0.3172)$

Have a look what the booklet for
Yxy(40.5843, 0.2921, 0.3172)
contains.

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Color

Yxy(40.4326, 0.2918, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	9DADB6
RGB	157, 173, 182
RGB Percent	62%, 68%, 71%
CMY	0.3841, 0.3216, 0.2863
CMYK	0.14, 0.05, 0.00, 0.29
HSL	202°, 15%, 66%
HSV	202°, 14%, 71%
XYZ	37.3008, 40.4326, 50.0965
YIQ	169.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

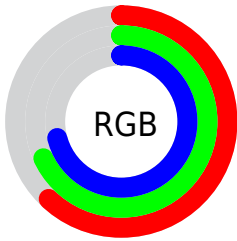
Format	Color
R _Y B	157, 167, 182
Decimal	10333622
CIE Lab	69.78, -3.66, -6.51
CIE LCh	70, 7.466, 240.668
Yxy	40.4326, 0.2918, 0.3163
Android (android.graphics.Color)	4288523702 (0xFF9DADB6)
YUV	169.2420, 6.2897, -10.7362
Hunter-Lab	63.5866, -6.5661, -2.2008

Details

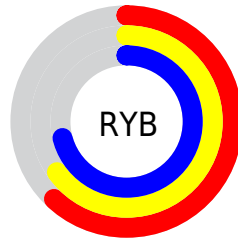
The Yxy color $40.4326, 0.2918, 0.3163$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.6837, 0.3358, 0.3414$, and the grayscale version is $39.7806, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6569, 0.2958, 0.3182$, and $18.2630, 0.2851, 0.3132$ is the 20% darker color. If you saturate the color by 10%, you get $36.2754, 0.2764, 0.3059$, and if you desaturate by 10%, it is $44.9902, 0.3071, 0.3257$.

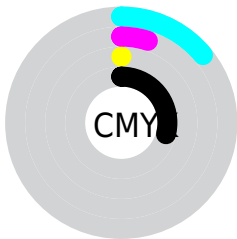
Distribution



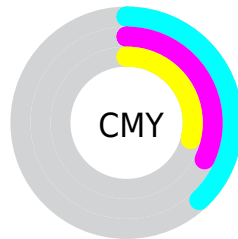
- Red (62%)
- Green (68%)
- Blue (71%)



- Red (62%)
- Yellow (65%)
- Blue (71%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)




- Cyan (38%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4326, 0.2918, 0.3163 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 40.4326, 0.2918, 0.3163 by changing the saturation by 10% instead.


 40.4326, 0.2918,
0.3163


 40.4326, 0.2918,
0.3163


347.9436, 0.3025,
0.3229

 27.8760, 0.2891,
0.3146


 75.8218, 0.2957,
0.3187

 18.2322, 0.2855,
0.3124


 99.4232, 0.2972,
0.3196

 11.1168, 0.2808,
0.3093


127.4750, 0.2984,
0.3204

 6.1455, 0.2740,
0.3049

160.3616, 0.2994,
0.3210

 2.9337, 0.2636,
0.2980

198.4673, 0.3004,
0.3216

 1.0972, 0.2456,
0.2857

242.1766, 0.3011,

 0.0000, 0.0000,

0.3221

0.0000

291.8739, 0.3018,
0.3225

■ 40.4326, 0.2918,
0.3163

■ 40.4326, 0.2918,
0.3163

■ 36.2754, 0.2764,
0.3059

■ 44.9902, 0.3071,
0.3257

■ 32.4998, 0.2612,
0.2946

■ 49.9562, 0.3221,
0.3342

■ 29.0928, 0.2466,
0.2824

■ 55.3445, 0.3366,
0.3418

■ 26.0384, 0.2329,
0.2694

■ 61.1669, 0.3506,
0.3485

■ 23.3194, 0.2205,
0.2560

■ 67.4348, 0.3638,
0.3544

■ 20.9166, 0.2097,
0.2422

■ 71.9592, 0.3675,
0.3605

■ 18.8082, 0.2009,
0.2283

■ 75.3260, 0.3656,
0.3671

■ 16.9683, 0.1942,
0.2147

■ 78.8287, 0.3638,
0.3735

■ 15.9154, 0.1906,
0.2062

■ 82.4686, 0.3620,
0.3799

Harmonies

Analogous

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



40.4326, 0.2931, 0.3250



40.4326, 0.2918, 0.3163



40.4326, 0.2960, 0.3112

Triad

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



40.4326, 0.2918, 0.3163



40.4326, 0.3260, 0.3230



40.4326, 0.3205, 0.3479

Complementary

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



40.4326, 0.2918, 0.3163



39.6837, 0.3358, 0.3414

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.



40.4326, 0.3296, 0.3470



40.4326, 0.2918, 0.3163



40.4326, 0.3328, 0.3325

Square

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



40.4326, 0.2918, 0.3163



40.4326, 0.3156, 0.3151



40.4326, 0.3341, 0.3413



40.4326, 0.3095, 0.3435

Rectangle

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



40.4326, 0.2918, 0.3163



40.4326, 0.3014, 0.3104



40.4326, 0.3341, 0.3413



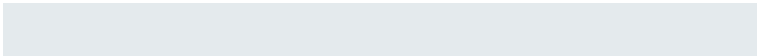
40.4326, 0.3239, 0.3482

Sweetspot

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



40.4343, 0.2918, 0.3163



81.2489, 0.3066, 0.3254



43.3780, 0.3043, 0.3519



17.8027, 0.3054, 0.3247



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.



40.4343, 0.2918, 0.3163



71.2999, 0.2878, 0.3137



35.9731, 0.2913, 0.2988



9.6497, 0.2985, 0.3205



11.3682, 0.1911, 0.2078



0.5137, 0.2007, 0.2426

Inverse Universe

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



37.0973, 0.3225, 0.3075



64.3231, 0.3246, 0.3033



44.3281, 0.3336, 0.3575



9.1061, 0.3191, 0.3145



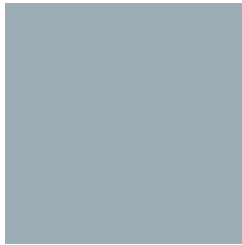
7.9300, 0.4366, 0.2179



0.2910, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 40.4326, 0.2918, 0.3163 looks on a white background.

Color Contrast Check

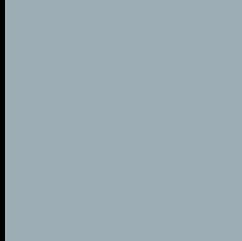
Large Text (above 18pt) WCAG AA × Fail

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 40.4326, 0.2918, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

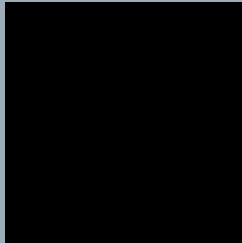
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

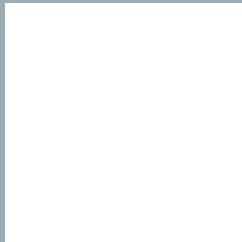
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.4326, 0.2918, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 40.4326, 0.2918, 0.3163.



This preview shows how white text looks on a background with the Yxy color 40.4326, 0.2918, 0.3163.

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

40.4326, 0.2918, 0.3163

Protanopia

40.3291, 0.3053, 0.3140

Deuteranopia

40.1947, 0.3111, 0.3038



Tritanopia

40.3193, 0.2895, 0.3095

Trichromacy



Original Color

40.4326, 0.2918, 0.3163

Protanomaly

40.1926, 0.3001, 0.3138

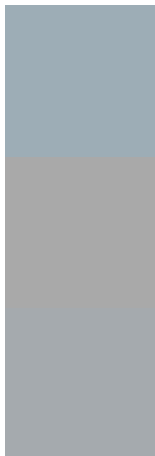
Deuteranomaly

40.1948, 0.3038, 0.3086

Tritanomaly

40.2769, 0.2903, 0.3108

Monochromacy



Original Color

40.4326, 0.2918, 0.3163

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.8048, 0.3049, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4326, 0.2918, 0.3163 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(157, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(157, 173, 182)  
}
```

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(157, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 173, 182) }
```

Border

The CSS property to change the border of an element to Yxy 40.4326, 0.2918, 0.3163 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(157, 173, 182) }
```

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

```
.border{ border-color:rgb(157, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(157, 173,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4326, 0.2918, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 173, 182) }
```

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

```
.background{ background-color: rgb(157,  
173, 182) }
```

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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