

Converting Colors

$Y_{xy}(41.5827, 0.3058, 0.3276)$

Have a look what the booklet for
Yxy(41.5827, 0.3058, 0.3276)
contains.

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Color

Yxy(41.5827, 0.3058, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A7AEAF
RGB	167, 174, 175
RGB Percent	65%, 68%, 69%
CMY	0.3449, 0.3177, 0.3138
CMYK	0.05, 0.01, 0.00, 0.31
HSL	188°, 5%, 67%
HSV	188°, 5%, 69%
XYZ	38.8156, 41.5827, 46.5330
YIQ	172.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

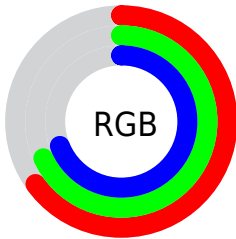
Format	Color
RYB	167, 171, 175
Decimal	10989231
CIELab	70.58, -2.24, -1.37
CIELCh	71, 2.625, 211.416
Yxy	41.5827, 0.3058, 0.3276
Android (android.graphics.Color)	4289179311 (0xFFA7AEAF)
YUV	172.0210, 1.4686, -4.4034
Hunter-Lab	64.4846, -5.4027, 2.3548

Details

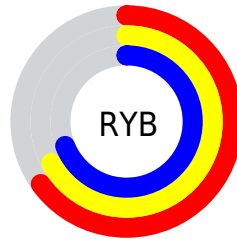
The Yxy color **41.5827, 0.3058, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9238, 0.3200, 0.3304**, and the grayscale version is **41.2636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2814, 0.3073, 0.3279**, and **18.9940, 0.3031, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **38.9637, 0.2909, 0.3243**, and if you desaturate by 10%, it is **44.4771, 0.3211, 0.3306**.

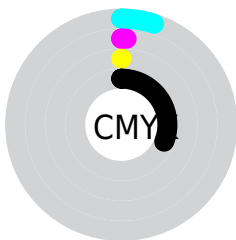
Distribution



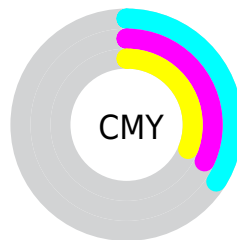
- Red (65%)
- Green (68%)
- Blue (69%)



- Red (65%)
- Yellow (67%)
- Blue (69%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)




- Cyan (34%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5827, 0.3058, 0.3276 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 41.5827, 0.3058, 0.3276 by changing the saturation by 10% instead.


 41.5827, 0.3058,
0.3276


 41.5827, 0.3058,
0.3276

352.7501, 0.3093,
0.3283

 28.7747, 0.3049,
0.3274

 77.5677, 0.3071,
0.3279

 18.9104, 0.3037,
0.3272


 101.5134, 0.3076,
0.3280

 11.6056, 0.3021,
0.3268


129.9405, 0.3080,
0.3281

 6.4757, 0.2999,
0.3263

163.2333, 0.3083,
0.3281

 3.1364, 0.2964,
0.3255

201.7763, 0.3086,
0.3282

 1.2034, 0.2904,
0.3241

245.9539, 0.3089,

 0.0645, 0.0278,

0.3282

0.2721

296.1503, 0.3091,
0.3283

0.0000, 0.0000,
0.0000

41.5827, 0.3058,
0.3276

41.5827, 0.3058,
0.3276

38.9637, 0.2909,
0.3243

44.4771, 0.3211,
0.3306

36.6043, 0.2765,
0.3208

47.6512, 0.3365,
0.3333

34.4954, 0.2631,
0.3169

51.1162, 0.3517,
0.3357

32.6250, 0.2510,
0.3129

54.8808, 0.3666,
0.3378

30.9802, 0.2402,
0.3087

58.9536, 0.3812,
0.3397

■ 29.5470, 0.2312,
0.3044

■ 59.9672, 0.3808,
0.3420

■ 28.3094, 0.2240,
0.3001

■ 60.9071, 0.3801,
0.3443

■ 27.2491, 0.2187,
0.2957

■ 61.8614, 0.3794,
0.3465

■ 26.3442, 0.2151,
0.2914

■ 62.8300, 0.3787,
0.3488

Harmonies

Analogous

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



41.5827, 0.3080, 0.3310



41.5827, 0.3058, 0.3276



41.5827, 0.3054, 0.3246

Triad

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



41.5827, 0.3058, 0.3276



41.5827, 0.3139, 0.3242



41.5827, 0.3185, 0.3353

Complementary

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



41.5827, 0.3058, 0.3276



39.9238, 0.3200, 0.3304

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.



41.5827, 0.3201, 0.3334



41.5827, 0.3058, 0.3276



41.5827, 0.3174, 0.3270

Square

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



41.5827, 0.3058, 0.3276



41.5827, 0.3100, 0.3226



41.5827, 0.3197, 0.3304



41.5827, 0.3154, 0.3355

Rectangle

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



41.5827, 0.3058, 0.3276



41.5827, 0.3062, 0.3232



41.5827, 0.3197, 0.3304



41.5827, 0.3193, 0.3348

Sweetspot

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



41.5845, 0.3058, 0.3276



76.2547, 0.3112, 0.3287



41.7026, 0.3114, 0.3388



16.9547, 0.3112, 0.3287



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.5845, 0.3058, 0.3276



74.2171, 0.3050, 0.3274



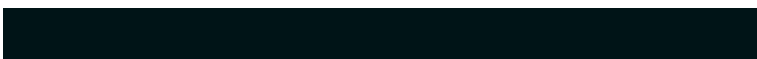
40.0973, 0.3059, 0.3222



9.1178, 0.3042, 0.3273



18.6031, 0.2138, 0.2895



0.5645, 0.2174, 0.3026

Inverse Universe

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



39.8209, 0.3141, 0.3195



70.6961, 0.3142, 0.3184



41.3881, 0.3196, 0.3357



8.6436, 0.3144, 0.3173



8.1810, 0.3547, 0.1728



0.2323, 0.3432, 0.1664

Previews

White Background



This preview shows how the Yxy color 41.5827, 0.3058, 0.3276 looks on a white background.

Color Contrast Check

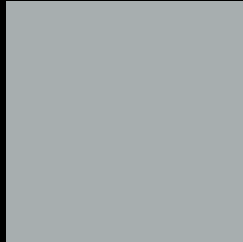
Large Text (above 18pt) WCAG AA × Fail

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 41.5827, 0.3058, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

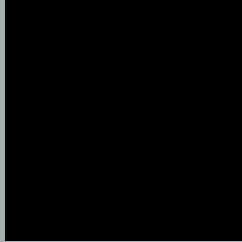
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

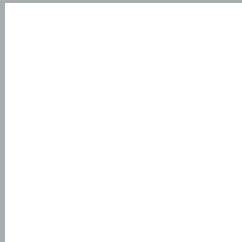
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5827, 0.3058, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 41.5827, 0.3058, 0.3276.



This preview shows how white text looks on a background with the Yxy color 41.5827, 0.3058, 0.3276.

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

41.5827, 0.3058, 0.3276

Protanopia

41.6750, 0.3137, 0.3263

Deuteranopia

41.3368, 0.3234, 0.3172



Tritanopia

41.4852, 0.2987, 0.3100

Trichromacy



Original Color

41.5827, 0.3058, 0.3276

Protanomaly

41.7138, 0.3110, 0.3276

Deuteranomaly

41.5873, 0.3167, 0.3210

Tritanomaly

41.5894, 0.3011, 0.3167

Monochromacy



Original Color

41.5827, 0.3058, 0.3276

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4503, 0.3101, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5827, 0.3058, 0.3276 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(167, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(167, 174, 175)  
}
```

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(167, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 174, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.5827, 0.3058, 0.3276 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(167, 174, 175) }
```

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

```
.border{ border-color:rgb(167, 174, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 174, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(167, 174,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5827, 0.3058, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 174, 175) }
```

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

```
.background{ background-color: rgb(167,  
174, 175) }
```

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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