

Converting Colors

$Yxy(42.8803, 0.3008, 0.3425)$

Have a look what the booklet for
Yxy(42.8803, 0.3008, 0.3425)
contains.

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Color

Yxy(42.7509, 0.3003, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	9DB4AB
RGB	157, 180, 171
RGB Percent	62%, 71%, 67%
CMY	0.3844, 0.2941, 0.3295
CMYK	0.13, 0.00, 0.05, 0.29
HSL	156°, 13%, 66%
HSV	156°, 13%, 71%
XYZ	37.5712, 42.7509, 44.7902
YIQ	172.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

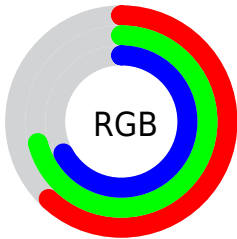
Format	Color
RYB	157, 171, 180
Decimal	10335403
CIELab	71.39, -9.71, 1.92
CIELCh	71, 9.898, 168.807
Yxy	42.7509, 0.3003, 0.3417
Android (android.graphics.Color)	4288525483 (0xFF9DB4AB)
YUV	172.0970, -0.5408, -13.2401
Hunter-Lab	65.3842, -11.8521, 5.1534

Details

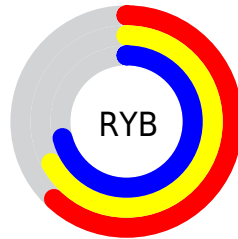
The Yxy color $42.7509, 0.3003, 0.3417$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $36.5634, 0.3270, 0.3166$, and the grayscale version is $41.3117, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4789, 0.3030, 0.3398$, and $19.5748, 0.2970, 0.3447$ is the 20% darker color. If you saturate the color by 10%, you get $40.8119, 0.2910, 0.3529$, and if you desaturate by 10%, it is $44.9746, 0.3100, 0.3316$.

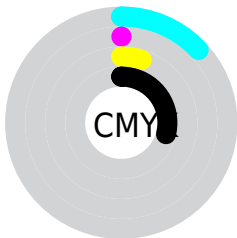
Distribution



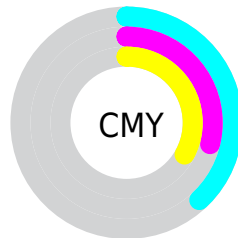
- Red (62%)
- Green (71%)
- Blue (67%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)




- Cyan (38%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7509, 0.3003, 0.3417 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 42.7509, 0.3003, 0.3417 by changing the saturation by 10% instead.


 42.7509, 0.3003,
0.3417

 42.7509, 0.3003,
0.3417


357.5863, 0.3066,
0.3352

 29.6897, 0.2987,
0.3434


 79.3348, 0.3026,
0.3393

 19.6032, 0.2966,
0.3455


 103.6264, 0.3035,
0.3384

 12.1069, 0.2937,
0.3485


132.4301, 0.3042,
0.3377

 6.8165, 0.2897,
0.3527

166.1305, 0.3048,
0.3370

 3.3476, 0.2834,
0.3593

205.1120, 0.3054,
0.3365

 1.3158, 0.2725,
0.3709

249.7588, 0.3058,

 0.1534, 0.0000,


0.3360


0.8243

300.4555, 0.3063,
0.3356

 0.0000, 0.0000,
0.0000


 42.7509, 0.3003,
0.3417


 42.7509, 0.3003,
0.3417


 40.8119, 0.2910,
0.3529


 44.9746, 0.3100,
0.3316


 39.1404, 0.2824,
0.3650

 47.4887, 0.3198,
0.3226

 37.7255, 0.2747,
0.3782

 50.3056, 0.3296,
0.3146

 36.5533, 0.2683,
0.3922

 53.4353, 0.3393,
0.3075

 35.6089, 0.2635,
0.4069

 56.8872, 0.3488,
0.3013

■ 34.8753, 0.2605,
0.4220

■ 58.7278, 0.3495,
0.2949

■ 34.3334, 0.2594,
0.4371

■ 59.0946, 0.3436,
0.2879

■ 33.9600, 0.2603,
0.4521

■ 59.4773, 0.3377,
0.2810

■ 33.7615, 0.2618,
0.4626

■ 59.8759, 0.3320,
0.2743

Harmonies

Analogous

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



42.7509, 0.3142, 0.3510



42.7509, 0.3003, 0.3417



42.7509, 0.2898, 0.3289

Triad

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



42.7509, 0.3003, 0.3417



42.7509, 0.2972, 0.3049



42.7509, 0.3408, 0.3406

Complementary

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



42.7509, 0.3003, 0.3417



36.5634, 0.3270, 0.3166

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.



42.7509, 0.3361, 0.3285



42.7509, 0.3003, 0.3417



42.7509, 0.3107, 0.3082

Square

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



42.7509, 0.3003, 0.3417



42.7509, 0.2881, 0.3078



42.7509, 0.3250, 0.3168



42.7509, 0.3378, 0.3501

Rectangle

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



42.7509, 0.3003, 0.3417



42.7509, 0.2861, 0.3203



42.7509, 0.3250, 0.3168



42.7509, 0.3401, 0.3367

Sweetspot

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



42.7527, 0.3003, 0.3417



80.9953, 0.3087, 0.3329



43.2085, 0.3192, 0.3613



17.4382, 0.3080, 0.3336



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.7527, 0.3003, 0.3417



76.5963, 0.2980, 0.3443



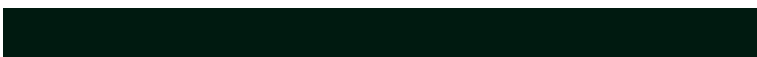
42.1863, 0.2934, 0.3257



9.5740, 0.3036, 0.3381



23.5733, 0.2614, 0.4609



0.7528, 0.2499, 0.4197

Inverse Universe

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



36.5634, 0.3270, 0.3166



63.4443, 0.3302, 0.3142



37.0303, 0.3352, 0.3323



8.5586, 0.3228, 0.3201



7.0982, 0.5375, 0.2735



0.2350, 0.4631, 0.2325

Previews

White Background



This preview shows how the Yxy color 42.7509, 0.3003, 0.3417 looks on a white background.

Color Contrast Check

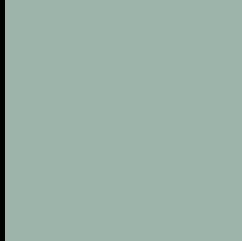
Large Text (above 18pt) WCAG AA × Fail

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 42.7509, 0.3003, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

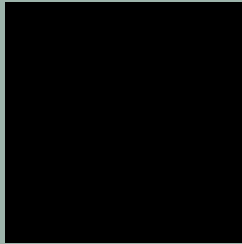
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

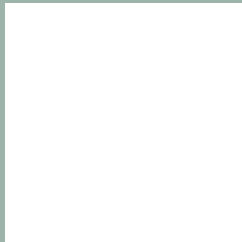
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7509, 0.3003, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 42.7509, 0.3003, 0.3417.



This preview shows how white text looks on a background with the Yxy color 42.7509, 0.3003, 0.3417.

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

42.7509, 0.3003, 0.3417

Protanopia

42.6458, 0.3230, 0.3385

Deuteranopia

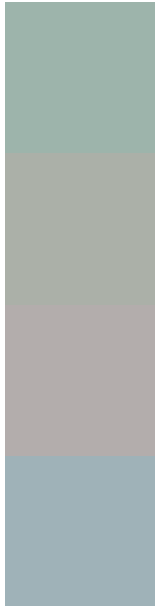
42.5995, 0.3305, 0.3239



Tritanopia

42.6795, 0.2877, 0.3098

Trichromacy



Original Color

42.7509, 0.3003, 0.3417

Protanomaly

42.5357, 0.3148, 0.3400

Deuteranomaly

42.4494, 0.3189, 0.3304

Tritanomaly

42.6724, 0.2921, 0.3207

Monochromacy



Original Color

42.7509, 0.3003, 0.3417

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8540, 0.3081, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7509, 0.3003, 0.3417 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, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 180, 171)  
}
```

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, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 180, 171) }
```

Border

The CSS property to change the border of an element to Yxy 42.7509, 0.3003, 0.3417 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, 180, 171) }
```

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

```
.border{ border-color:rgb(157, 180, 171) }
```

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

Here you see how a box with a 4 pixel rgb(157, 180, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(157, 180,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7509, 0.3003, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 180, 171) }
```

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

```
.background{ background-color: rgb(157,  
180, 171) }
```

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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