

Converting Colors

$Yxy(42.7314, 0.3049, 0.3470)$

Have a look what the booklet for
Yxy(42.7314, 0.3049, 0.3470)
contains.

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Color

Yxy(42.8035, 0.3051, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	9FB4A7
RGB	159, 180, 167
RGB Percent	62%, 71%, 65%
CMY	0.3763, 0.2942, 0.3451
CMYK	0.12, 0.00, 0.07, 0.29
HSL	143°, 12%, 66%
HSV	143°, 12%, 71%
XYZ	37.6025, 42.8035, 42.8405
YIQ	172.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

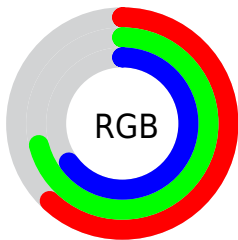
Format	Color
RYB	159, 174, 180
Decimal	10466471
CIELab	71.42, -9.76, 4.17
CIELCh	71, 10.617, 156.854
Yxy	42.8035, 0.3051, 0.3473
Android (android.graphics.Color)	4288656551 (0xFF9FB4A7)
YUV	172.2390, -2.5828, -11.6106
Hunter-Lab	65.4244, -11.9002, 6.9734

Details

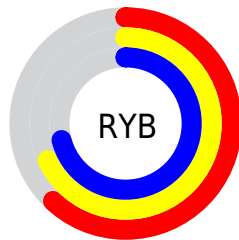
The Yxy color $42.8035, 0.3051, 0.3473$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.4975, 0.3212, 0.3114$, and the grayscale version is $41.4041, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5610, 0.3067, 0.3441$, and $19.5423, 0.3023, 0.3528$ is the 20% darker color. If you saturate the color by 10%, you get $40.7011, 0.2987, 0.3651$, and if you desaturate by 10%, it is $45.2132, 0.3116, 0.3314$.

Distribution



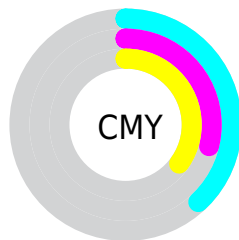
- Red (62%)
- Green (71%)
- Blue (65%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8035, 0.3051, 0.3473 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 42.8035, 0.3051, 0.3473 by changing the saturation by 10% instead.

 42.8035, 0.3051,
0.3473


 42.8035, 0.3051,
0.3473

357.8030, 0.3090,
0.3379

 29.7310, 0.3041,
0.3497


 79.4143, 0.3066,
0.3438

 19.6345, 0.3027,
0.3529


 103.7213, 0.3071,
0.3425

 12.1296, 0.3009,
0.3572


132.5419, 0.3075,
0.3415

 6.8320, 0.2983,
0.3635

166.2605, 0.3079,
0.3405

 3.3573, 0.2942,
0.3733

205.2616, 0.3083,
0.3397

 1.3210, 0.2868,
0.3908

249.9294, 0.3085,

 0.1574, 0.0000,

0.3391

1.0000

300.6484, 0.3088,
0.3384

0.0000, 0.0000,
0.0000

42.8035, 0.3051,
0.3473

42.8035, 0.3051,
0.3473

40.7011, 0.2987,
0.3651

45.2132, 0.3116,
0.3314

38.8880, 0.2927,
0.3848

47.9364, 0.3182,
0.3174

37.3529, 0.2873,
0.4062

50.9860, 0.3246,
0.3050

36.0813, 0.2829,
0.4290

54.3726, 0.3307,
0.2942

35.0576, 0.2797,
0.4528

58.1060, 0.3366,
0.2847

■ 34.2644, 0.2781,
0.4767

■ 59.8388, 0.3324,
0.2747

■ 33.6817, 0.2783,
0.5000

■ 60.5009, 0.3236,
0.2644

■ 33.2862, 0.2803,
0.5217

■ 61.1186, 0.3162,
0.2556

■ 33.0601, 0.2828,
0.5382

Harmonies

Analogous

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



42.8035, 0.3205, 0.3549



42.8035, 0.3051, 0.3473



42.8035, 0.2920, 0.3345

Triad

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



42.8035, 0.3051, 0.3473



42.8035, 0.2915, 0.3036



42.8035, 0.3418, 0.3364

Complementary

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



42.8035, 0.3051, 0.3473



37.4975, 0.3212, 0.3114

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.



42.8035, 0.3337, 0.3232



42.8035, 0.3051, 0.3473



42.8035, 0.3044, 0.3046

Square

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



42.8035, 0.3051, 0.3473



42.8035, 0.2843, 0.3092



42.8035, 0.3199, 0.3117



42.8035, 0.3419, 0.3481

Rectangle

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



42.8035, 0.3051, 0.3473



42.8035, 0.2862, 0.3250



42.8035, 0.3199, 0.3117



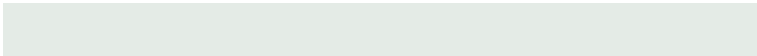
42.8035, 0.3399, 0.3320

Sweetspot

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



42.8053, 0.3051, 0.3473



81.3366, 0.3107, 0.3336



43.9499, 0.3229, 0.3578



17.5012, 0.3102, 0.3348



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.



42.8053, 0.3051, 0.3473



76.5770, 0.3034, 0.3518



43.1974, 0.2973, 0.3328



9.5417, 0.3066, 0.3435



23.0889, 0.2822, 0.5360



0.7381, 0.2657, 0.4767

Inverse Universe

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



37.4975, 0.3212, 0.3114



65.0017, 0.3233, 0.3073



37.1205, 0.3306, 0.3252



8.5909, 0.3194, 0.3150



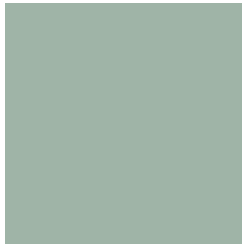
7.5969, 0.4436, 0.2217



0.2500, 0.4011, 0.1983

Previews

White Background



This preview shows how the Yxy color 42.8035, 0.3051, 0.3473 looks on a white background.

Color Contrast Check

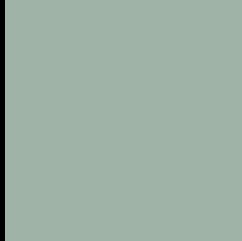
Large Text (above 18pt) WCAG AA × Fail

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 42.8035, 0.3051, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

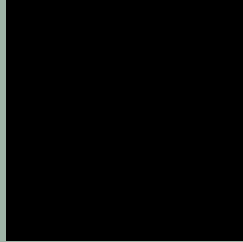
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

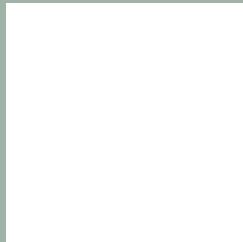
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8035, 0.3051, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 42.8035, 0.3051, 0.3473.

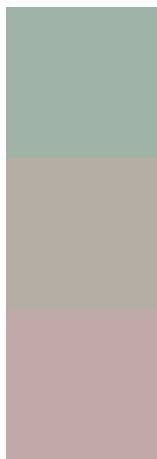


This preview shows how white text looks on a background with the Yxy color 42.8035, 0.3051, 0.3473.

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

42.8035, 0.3051, 0.3473

Protanopia

42.6557, 0.3265, 0.3425

Deuteranopia

42.5780, 0.3350, 0.3291



Tritanopia

42.9924, 0.2901, 0.3100

Trichromacy



Original Color

42.8035, 0.3051, 0.3473

Protanomaly

42.5379, 0.3182, 0.3441

Deuteranomaly

42.5381, 0.3241, 0.3357

Tritanomaly

42.8996, 0.2960, 0.3235

Monochromacy



Original Color

42.8035, 0.3051, 0.3473

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7777, 0.3098, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8035, 0.3051, 0.3473 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(159, 180, 167)` looks like.

```
.text, #text, p{  
    color:rgb(159, 180, 167)  
}
```

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(159, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 180, 167) }
```

Border

The CSS property to change the border of an element to Yxy 42.8035, 0.3051, 0.3473 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(159, 180, 167) }
```

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

```
.border{ border-color:rgb(159, 180, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 180, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 180, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 180, 167);  
box-shadow:4px 4px 4px 4px rgb(159, 180,  
167) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 42.8035, 0.3051, 0.3473$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 180, 167) }
```

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

```
.background{ background-color: rgb(159,  
180, 167) }
```

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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