

Converting Colors

$Yxy(41.0206, 0.3124, 0.3670)$

Have a look what the booklet for
Yxy(41.0206, 0.3124, 0.3670)
contains.

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Color

Yxy(40.9778, 0.3127, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	9AB298
RGB	154, 178, 152
RGB Percent	60%, 70%, 60%
CMY	0.3960, 0.3020, 0.4040
CMYK	0.13, 0.00, 0.15, 0.30
HSL	115°, 14%, 65%
HSV	115°, 15%, 70%
XYZ	34.9149, 40.9778, 35.7635
YIQ	167.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

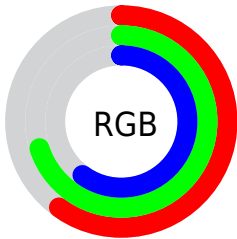
Format	Color
RYB	152, 178, 176
Decimal	10138264
CIELab	70.16, -13.29, 10.56
CIELCh	70, 16.974, 141.530
Yxy	40.9778, 0.3127, 0.3670
Android (android.graphics.Color)	4288328344 (0xFF9AB298)
YUV	167.8600, -7.8190, -12.1552
Hunter-Lab	64.0139, -14.6657, 11.6854

Details

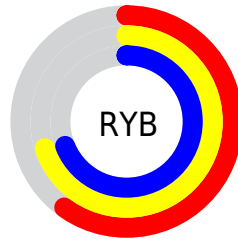
The Yxy color **40.9778, 0.3127, 0.3670** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.8879, 0.3124, 0.2933**, and the grayscale version is **39.1282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8572, 0.3133, 0.3601**, and **18.4904, 0.3128, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **38.9382, 0.3124, 0.3969**, and if you desaturate by 10%, it is **43.3284, 0.3127, 0.3403**.

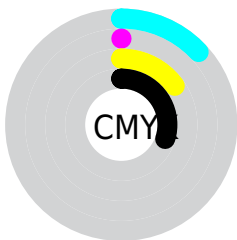
Distribution



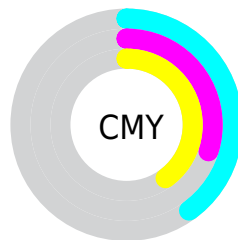
- Red (60%)
- Green (70%)
- Blue (60%)



- Red (60%)
- Yellow (70%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9778, 0.3127, 0.3670 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 40.9778, 0.3127, 0.3670 by changing the saturation by 10% instead.


 40.9778, 0.3127,
0.3670


 40.9778, 0.3127,
0.3670


350.2278, 0.3129,
0.3471

 28.3017, 0.3126,
0.3723


 76.6502, 0.3128,
0.3596

 18.5532, 0.3123,
0.3792


 100.4153, 0.3129,
0.3568

 11.3479, 0.3119,
0.3887


128.6456, 0.3129,
0.3546

 6.3014, 0.3111,
0.4028

161.7254, 0.3129,
0.3526

 3.0292, 0.3094,
0.4253

200.0391, 0.3129,
0.3510

 1.1470, 0.3131,
0.4823

243.9712, 0.3129,

 0.0178, 0.0000,

0.3495

1.0000

293.9059, 0.3129,
0.3483

0.0000, 0.0000,
0.0000

40.9778, 0.3127,
0.3670

40.9778, 0.3127,
0.3670

38.9382, 0.3124,
0.3969

43.3284, 0.3127,
0.3403

37.1916, 0.3119,
0.4295

45.9967, 0.3126,
0.3167

35.7261, 0.3111,
0.4639

48.9959, 0.3124,
0.2962

34.5269, 0.3099,
0.4985

52.3367, 0.3121,
0.2785

33.5781, 0.3083,
0.5311

56.0295, 0.3118,
0.2631

■ 32.8617, 0.3064,
0.5592

■ 59.8385, 0.3142,
0.2532

■ 32.3577, 0.3044,
0.5806

■ 60.3216, 0.3163,
0.2536

■ 32.0424, 0.3025,
0.5938

■ 31.9348, 0.3018,
0.5986

Harmonies

Analogous

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



40.9778, 0.3370, 0.3730



40.9778, 0.3127, 0.3670



40.9778, 0.2891, 0.3494

Triad

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



40.9778, 0.3127, 0.3670



40.9778, 0.2713, 0.2913



40.9778, 0.3549, 0.3295

Complementary

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



40.9778, 0.3127, 0.3670



34.8879, 0.3124, 0.2933

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.



40.9778, 0.3360, 0.3096



40.9778, 0.3127, 0.3670



40.9778, 0.2876, 0.2879

Square

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



40.9778, 0.3127, 0.3670



40.9778, 0.2658, 0.3049



40.9778, 0.3112, 0.2946



40.9778, 0.3620, 0.3502

Rectangle

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



40.9778, 0.3127, 0.3670



40.9778, 0.2767, 0.3341



40.9778, 0.3112, 0.2946



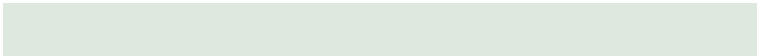
40.9778, 0.3497, 0.3226

Sweetspot

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



40.9796, 0.3127, 0.3670



78.8236, 0.3127, 0.3389



42.7167, 0.3346, 0.3617



17.3878, 0.3127, 0.3408



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.



40.9796, 0.3127, 0.3670



72.8825, 0.3126, 0.3777



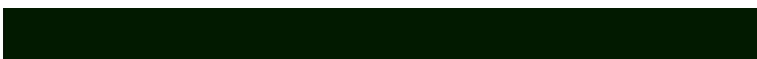
41.1525, 0.3024, 0.3510



9.5209, 0.3127, 0.3524



22.8607, 0.3021, 0.5983



0.7297, 0.3108, 0.5914

Inverse Universe

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



34.8879, 0.3124, 0.2933



59.3982, 0.3122, 0.2841



34.7092, 0.3246, 0.3080



8.6121, 0.3126, 0.3065



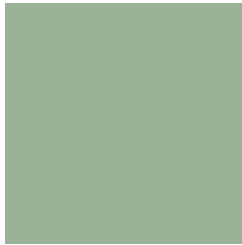
7.9618, 0.3016, 0.1435



0.2605, 0.3073, 0.1467

Previews

White Background



This preview shows how the Yxy color 40.9778, 0.3127, 0.3670 looks on a white background.

Color Contrast Check

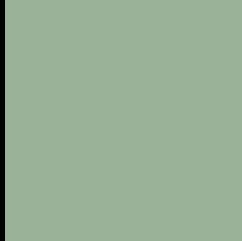
Large Text (above 18pt) WCAG AA × Fail

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 40.9778, 0.3127, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

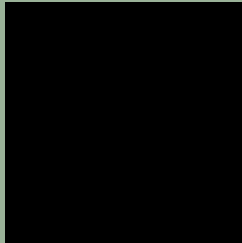
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

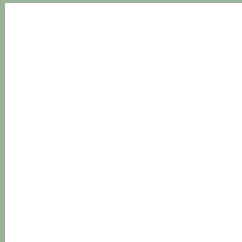
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9778, 0.3127, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 40.9778, 0.3127, 0.3670.



This preview shows how white text looks on a background with the Yxy color 40.9778, 0.3127, 0.3670.

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

40.9778, 0.3127, 0.3670

Protanopia

40.9672, 0.3410, 0.3607

Deuteranopia

40.7462, 0.3496, 0.3423



Tritanopia

40.9486, 0.2904, 0.3096

Trichromacy



Original Color

40.9778, 0.3127, 0.3670

Protanomaly

41.1000, 0.3310, 0.3642

Deuteranomaly

40.6663, 0.3349, 0.3511

Tritanomaly

40.9850, 0.2988, 0.3304

Monochromacy



Original Color

40.9778, 0.3127, 0.3670

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.9002, 0.3129, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9778, 0.3127, 0.3670 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(154, 178, 152)` looks like.

```
.text, #text, p{  
    color:rgb(154, 178, 152)  
}
```

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(154, 178, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 178, 152) }
```

Border

The CSS property to change the border of an element to Yxy 40.9778, 0.3127, 0.3670 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(154, 178, 152) }
```

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

```
.border{ border-color:rgb(154, 178, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 178, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 178, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 178, 152);  
box-shadow:4px 4px 4px 4px rgb(154, 178,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9778, 0.3127, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 178, 152) }
```

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

```
.background{ background-color: rgb(154,  
178, 152) }
```

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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