

Converting Colors

$Yxy(46.0269, 0.3139, 0.3725)$

Have a look what the booklet for
Yxy(46.0269, 0.3139, 0.3725)
contains.

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Color

Yxy(45.9778, 0.3140, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	A1BC9D
RGB	161, 188, 157
RGB Percent	63%, 74%, 62%
CMY	0.3686, 0.2627, 0.3844
CMYK	0.14, 0.00, 0.17, 0.26
HSL	112°, 19%, 68%
HSV	112°, 17%, 74%
XYZ	38.7675, 45.9778, 38.7181
YIQ	176.3930, -6.1410, -15.3650

Conversions

Conversions Part 2

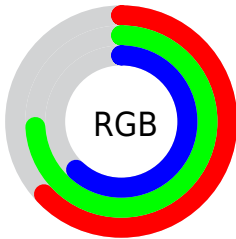
Format	Color
RYB	157, 188, 184
Decimal	10599581
CIELab	73.53, -15.10, 12.67
CIELCh	74, 19.715, 140.006
Yxy	45.9778, 0.3140, 0.3724
Android (android.graphics.Color)	4288789661 (0xFFA1BC9D)
YUV	176.3930, -9.5607, -13.4997
Hunter-Lab	67.8069, -16.6076, 13.6099

Details

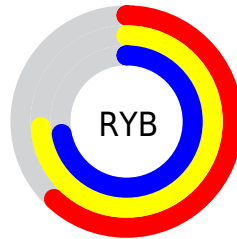
The Yxy color **45.9778, 0.3140, 0.3724** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.9224, 0.3108, 0.2883**, and the grayscale version is **43.6866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0538, 0.3137, 0.3634**, and **21.6198, 0.3134, 0.3856** is the 20% darker color. If you saturate the color by 10%, you get **43.7969, 0.3145, 0.4027**, and if you desaturate by 10%, it is **48.4836, 0.3133, 0.3451**.

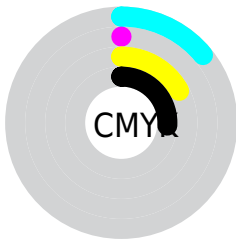
Distribution



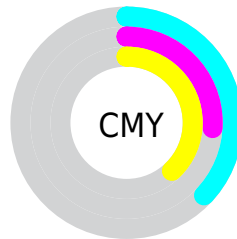
- Red (63%)
- Green (74%)
- Blue (62%)



- Red (62%)
- Yellow (74%)
- Blue (72%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (26%)



- Cyan (37%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9778, 0.3140, 0.3724 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 45.9778, 0.3140, 0.3724 by changing the saturation by 10% instead.


 45.9778, 0.3140,
0.3724


 45.9778, 0.3140,
0.3724


370.7194, 0.3136,
0.3501

 32.2283, 0.3140,
0.3782


 84.1858, 0.3139,
0.3641

 21.5359, 0.3139,
0.3857

 109.4130, 0.3139,
0.3611

 13.5163, 0.3137,
0.3959


139.2350, 0.3139,
0.3585

 7.7850, 0.3132,
0.4106

174.0361, 0.3138,
0.3563

 3.9577, 0.3119,
0.4335

214.2007, 0.3138,
0.3545

 1.6499, 0.3095,
0.4757

260.1132, 0.3137,

 0.3909, 0.0072,

0.3528

0.9928

312.1579, 0.3137,
0.3514

0.0000, 0.0000,
0.0000

45.9778, 0.3140,
0.3724

45.9778, 0.3140,
0.3724

43.7969, 0.3145,
0.4027

48.4836, 0.3133,
0.3451

41.9219, 0.3146,
0.4354

51.3208, 0.3124,
0.3209

40.3410, 0.3142,
0.4696

54.5029, 0.3114,
0.2997

39.0389, 0.3133,
0.5036

58.0411, 0.3104,
0.2812

37.9994, 0.3117,
0.5353

61.9459, 0.3094,
0.2652

■ 37.2043, 0.3095,
0.5621

■ 64.4475, 0.3158,
0.2634

■ 36.6331, 0.3069,
0.5820

■ 36.2610, 0.3041,
0.5941

■ 36.1677, 0.3034,
0.5973

Harmonies

Analogous

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



45.9778, 0.3410, 0.3783



45.9778, 0.3140, 0.3724



45.9778, 0.2875, 0.3531

Triad

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



45.9778, 0.3140, 0.3724



45.9778, 0.2660, 0.2874



45.9778, 0.3591, 0.3283

Complementary

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



45.9778, 0.3140, 0.3724



37.9224, 0.3108, 0.2883

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.



45.9778, 0.3374, 0.3064



45.9778, 0.3140, 0.3724



45.9778, 0.2835, 0.2832

Square

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



45.9778, 0.3140, 0.3724



45.9778, 0.2605, 0.3030



45.9778, 0.3095, 0.2902



45.9778, 0.3679, 0.3513

Rectangle

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



45.9778, 0.3140, 0.3724



45.9778, 0.2735, 0.3359



45.9778, 0.3095, 0.2902



45.9778, 0.3531, 0.3206

Sweetspot

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



45.9798, 0.3140, 0.3724



88.5605, 0.3132, 0.3415



47.3503, 0.3380, 0.3642



18.9705, 0.3132, 0.3433



95.5105, 0.3127, 0.3290



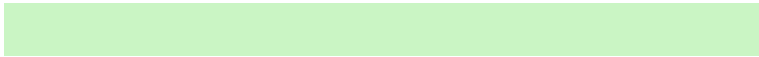
19.5994, 0.3127, 0.3290

Same Dimension

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



45.9798, 0.3140, 0.3724



81.7488, 0.3142, 0.3837



45.9735, 0.3022, 0.3564



10.7076, 0.3135, 0.3526



24.6428, 0.3039, 0.5969



0.9849, 0.3158, 0.5874

Inverse Universe

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



37.9224, 0.3108, 0.2883



64.2387, 0.3102, 0.2785



37.9569, 0.3249, 0.3031



9.6316, 0.3117, 0.3062



7.8336, 0.2886, 0.1364



0.3246, 0.2969, 0.1409

Previews

White Background



This preview shows how the Yxy color 45.9778, 0.3140, 0.3724 looks on a white background.

Color Contrast Check

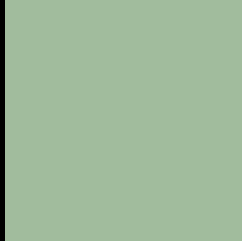
Large Text (above 18pt) WCAG AA × Fail

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 45.9778, 0.3140, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

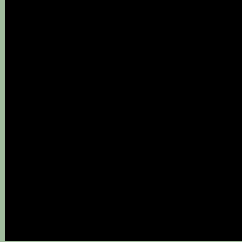
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9778, 0.3140, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 45.9778, 0.3140, 0.3724.



This preview shows how white text looks on a background with the Yxy color 45.9778, 0.3140, 0.3724.

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

45.9778, 0.3140, 0.3724

Protanopia

45.8896, 0.3440, 0.3645

Deuteranopia

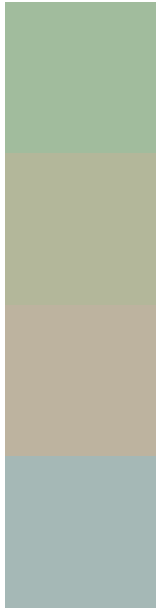
45.7893, 0.3532, 0.3467



Tritanopia

45.8119, 0.2899, 0.3092

Trichromacy



Original Color

45.9778, 0.3140, 0.3724

Protanomaly

45.7838, 0.3325, 0.3681

Deuteranomaly

45.5622, 0.3382, 0.3553

Tritanomaly

45.6577, 0.2986, 0.3317

Monochromacy



Original Color

45.9778, 0.3140, 0.3724

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.1650, 0.3137, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9778, 0.3140, 0.3724 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(161, 188, 157)` looks like.

```
.text, #text, p{  
    color:rgb(161, 188, 157)  
}
```

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(161, 188, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 188, 157) }
```

Border

The CSS property to change the border of an element to Yxy 45.9778, 0.3140, 0.3724 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(161, 188, 157) }
```

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

```
.border{ border-color:rgb(161, 188, 157) }
```

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

Here you see how a box with a 4 pixel rgb(161, 188, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 188, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 188, 157);  
box-shadow:4px 4px 4px 4px rgb(161, 188,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9778, 0.3140, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 188, 157) }
```

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

```
.background{ background-color: rgb(161,  
188, 157) }
```

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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