

Converting Colors

$Yxy(45.7593, 0.3070, 0.3567)$

Have a look what the booklet for
Yxy(45.7593, 0.3070, 0.3567)
contains.

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Color

Yxy(45.9077, 0.3065, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	A1BBA7
RGB	161, 187, 167
RGB Percent	63%, 73%, 65%
CMY	0.3685, 0.2667, 0.3450
CMYK	0.14, 0.00, 0.11, 0.27
HSL	134°, 16%, 68%
HSV	134°, 14%, 73%
XYZ	39.4469, 45.9077, 43.3465
YIQ	176.9460, -9.0760, -11.7320

Conversions

Conversions Part 2

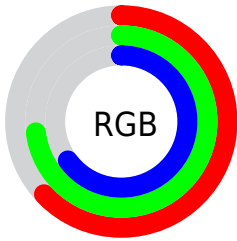
Format	Color
RYB	161, 182, 187
Decimal	10599335
CIELab	73.49, -12.75, 7.16
CIELCh	73, 14.626, 150.699
Yxy	45.9077, 0.3065, 0.3567
Android (android.graphics.Color)	4288789415 (0xFFA1BBA7)
YUV	176.9460, -4.9034, -13.9846
Hunter-Lab	67.7552, -14.6494, 9.4978

Details

The Yxy color $45.9077, 0.3065, 0.3567$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $39.3977, 0.3196, 0.3028$, and the grayscale version is $43.9693, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9740, 0.3078, 0.3514$, and $21.5392, 0.3044, 0.3657$ is the 20% darker color. If you saturate the color by 10%, you get $43.6067, 0.3021, 0.3796$, and if you desaturate by 10%, it is $48.5623, 0.3110, 0.3363$.

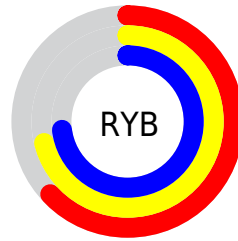
Distribution



Red (63%)

Green (73%)

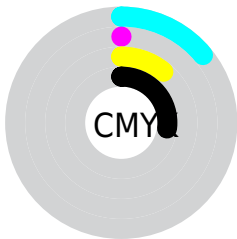
Blue (65%)



Red (63%)

Yellow (71%)

Blue (73%)

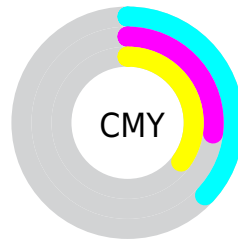


Cyan (14%)

Magenta (0%)

Yellow (11%)

Black (27%)



Cyan (37%)


Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9077, 0.3065, 0.3567 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 45.9077, 0.3065, 0.3567 by changing the saturation by 10% instead.


 45.9077, 0.3065,
0.3567


 45.9077, 0.3065,
0.3567


370.4374, 0.3097,
0.3426

 32.1730, 0.3056,
0.3603


 84.0808, 0.3077,
0.3515

 21.4937, 0.3045,
0.3651


 109.2881, 0.3082,
0.3495

 13.4853, 0.3030,
0.3715


139.0883, 0.3085,
0.3479

 7.7636, 0.3007,
0.3806

173.8658, 0.3088,
0.3465

 3.9440, 0.2971,
0.3948

214.0051, 0.3091,
0.3453

 1.6423, 0.2905,
0.4197

259.8905, 0.3094,

 0.3859, 0.1256,

0.3443

0.8744

311.9065, 0.3096,
0.3434

0.0000, 0.0000,
0.0000

45.9077, 0.3065,
0.3567

45.9077, 0.3065,
0.3567

43.6067, 0.3021,
0.3796

48.5623, 0.3110,
0.3363

41.6388, 0.2979,
0.4049

51.5786, 0.3154,
0.3183

39.9900, 0.2942,
0.4323

54.9717, 0.3197,
0.3026

38.6432, 0.2912,
0.4610

58.7541, 0.3237,
0.2889

37.5795, 0.2893,
0.4900

62.9376, 0.3275,
0.2770

■ 36.7781, 0.2887,
0.5178

■ 63.9130, 0.3171,
0.2639

■ 36.2149, 0.2894,
0.5430

■ 64.0200, 0.3158,
0.2624

■ 35.8613, 0.2915,
0.5641

■ 35.7154, 0.2929,
0.5746

Harmonies

Analogous

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



45.9077, 0.3271, 0.3650



45.9077, 0.3065, 0.3567



45.9077, 0.2880, 0.3402

Triad

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



45.9077, 0.3065, 0.3567



45.9077, 0.2816, 0.2958



45.9077, 0.3506, 0.3350

Complementary

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



45.9077, 0.3065, 0.3567



39.3977, 0.3196, 0.3028

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.



45.9077, 0.3376, 0.3177



45.9077, 0.3065, 0.3567



45.9077, 0.2975, 0.2955

Square

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



45.9077, 0.3065, 0.3567



45.9077, 0.2739, 0.3048



45.9077, 0.3180, 0.3035



45.9077, 0.3530, 0.3515

Rectangle

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



45.9077, 0.3065, 0.3567



45.9077, 0.2792, 0.3273



45.9077, 0.3180, 0.3035



45.9077, 0.3473, 0.3291

Sweetspot

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



45.9096, 0.3065, 0.3567



86.8892, 0.3109, 0.3366



47.9825, 0.3283, 0.3634



19.0504, 0.3106, 0.3381



95.5105, 0.3127, 0.3290



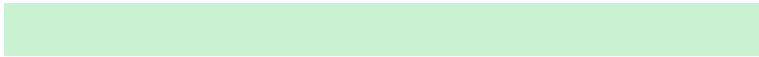
19.5994, 0.3127, 0.3290

Same Dimension

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



45.9096, 0.3065, 0.3567



80.7615, 0.3050, 0.3642



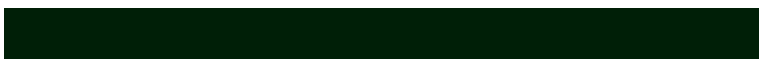
46.3997, 0.2972, 0.3390



10.6847, 0.3085, 0.3471



24.6181, 0.2924, 0.5727



0.9747, 0.2792, 0.5250

Inverse Universe

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



39.3977, 0.3196, 0.3028



66.5952, 0.3215, 0.2962



38.9027, 0.3311, 0.3192



9.6576, 0.3172, 0.3115



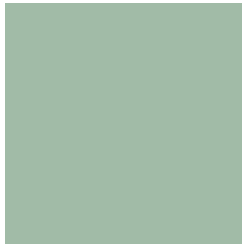
8.6752, 0.3885, 0.1914



0.3492, 0.3693, 0.1808

Previews

White Background



This preview shows how the Yxy color 45.9077, 0.3065, 0.3567 looks on a white background.

Color Contrast Check

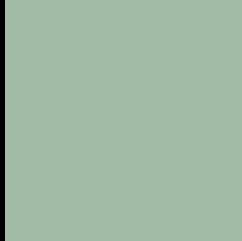
Large Text (above 18pt) WCAG AA × Fail

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 45.9077, 0.3065, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

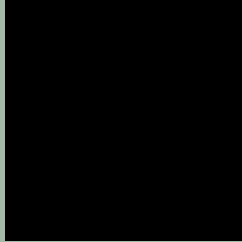
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

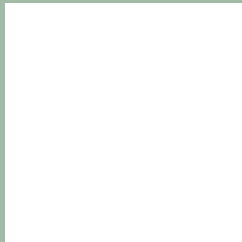
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9077, 0.3065, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 45.9077, 0.3065, 0.3567.



This preview shows how white text looks on a background with the Yxy color 45.9077, 0.3065, 0.3567.

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

45.9077, 0.3065, 0.3567

Protanopia

45.8517, 0.3328, 0.3514

Deuteranopia

45.5919, 0.3406, 0.3341



Tritanopia

46.0052, 0.2884, 0.3104

Trichromacy



Original Color

45.9077, 0.3065, 0.3567

Protanomaly

46.0123, 0.3235, 0.3545

Deuteranomaly

45.5439, 0.3270, 0.3422

Tritanomaly

45.7187, 0.2948, 0.3263

Monochromacy



Original Color

45.9077, 0.3065, 0.3567

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7228, 0.3105, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9077, 0.3065, 0.3567 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, 187, 167)` looks like.

```
.text, #text, p{  
    color:rgb(161, 187, 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(161, 187, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 187, 167) }
```

Border

The CSS property to change the border of an element to Yxy 45.9077, 0.3065, 0.3567 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, 187, 167) }
```

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

```
.border{ border-color:rgb(161, 187, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 187, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 187, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 187, 167);  
box-shadow:4px 4px 4px 4px rgb(161, 187,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9077, 0.3065, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 187, 167) }
```

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

```
.background{ background-color: rgb(161,  
187, 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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