

Converting Colors

$Yxy(45.1644, 0.2968, 0.3463)$

Have a look what the booklet for
Yxy(45.1644, 0.2968, 0.3463)
contains.

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Color

Yxy(45.1424, 0.2965, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	9BBAAE
RGB	155, 186, 174
RGB Percent	61%, 73%, 68%
CMY	0.3921, 0.2706, 0.3176
CMYK	0.17, 0.00, 0.06, 0.27
HSL	157°, 18%, 67%
HSV	157°, 17%, 73%
XYZ	38.7177, 45.1424, 46.7224
YIQ	175.3630, -14.6240, -10.3040

Conversions

Conversions Part 2

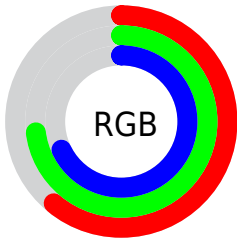
Format	Color
RYB	155, 174, 186
Decimal	10205870
CIELab	72.99, -12.91, 2.57
CIELCh	73, 13.165, 168.738
Yxy	45.1424, 0.2965, 0.3457
Android (android.graphics.Color)	4288395950 (0xFF9BBAAE)
YUV	175.3630, -0.6720, -17.8584
Hunter-Lab	67.1881, -14.7170, 5.8015

Details

The Yxy color $45.1424, 0.2965, 0.3457$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $36.6735, 0.3323, 0.3129$, and the grayscale version is $43.0784, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8630, 0.2999, 0.3429$, and $21.0638, 0.2910, 0.3504$ is the 20% darker color. If you saturate the color by 10%, you get $43.1702, 0.2874, 0.3571$, and if you desaturate by 10%, it is $47.4169, 0.3061, 0.3353$.

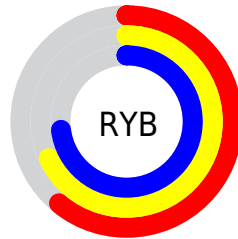
Distribution



Red (61%)

Green (73%)

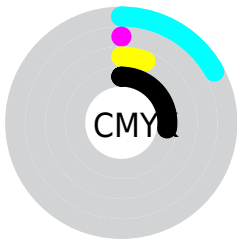
Blue (68%)



Red (61%)

Yellow (68%)

Blue (73%)

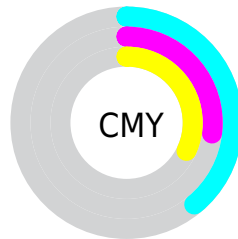


Cyan (17%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (39%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1424, 0.2965, 0.3457 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 45.1424, 0.2965, 0.3457 by changing the saturation by 10% instead.


 45.1424, 0.2965,
0.3457

 45.1424, 0.2965,
0.3457


367.3500, 0.3047,
0.3372

 31.5696, 0.2944,
0.3479


 82.9341, 0.2995,
0.3426

 21.0330, 0.2917,
0.3507


 107.9217, 0.3006,
0.3414

 13.1481, 0.2881,
0.3545


137.4831, 0.3016,
0.3405

 7.5306, 0.2830,
0.3598

172.0026, 0.3024,
0.3396

 3.7961, 0.2753,
0.3681

211.8647, 0.3031,
0.3389

 1.5602, 0.2621,
0.3825

257.4537, 0.3037,

 0.3305, 0.0000,

0.3383

0.6473

309.1540, 0.3042,
0.3377

0.0000, 0.0000,
0.0000

45.1424, 0.2965,
0.3457

45.1424, 0.2965,
0.3457

43.1702, 0.2874,
0.3571

47.4169, 0.3061,
0.3353

41.4815, 0.2790,
0.3696

50.0003, 0.3160,
0.3260

40.0640, 0.2717,
0.3830

52.9061, 0.3260,
0.3177

38.9022, 0.2659,
0.3971

56.1455, 0.3358,
0.3104

37.9791, 0.2617,
0.4118

59.7288, 0.3455,
0.3039

■ 37.2756, 0.2594,
0.4267

■ 61.3980, 0.3453,
0.2972

■ 36.7693, 0.2591,
0.4417

■ 61.7811, 0.3395,
0.2901

■ 36.4303, 0.2607,
0.4563

■ 62.1807, 0.3337,
0.2831

■ 36.3349, 0.2614,
0.4611

■ 62.5970, 0.3281,
0.2763

Harmonies

Analogous

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



45.1424, 0.3146, 0.3580



45.1424, 0.2965, 0.3457



45.1424, 0.2829, 0.3287

Triad

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



45.1424, 0.2965, 0.3457



45.1424, 0.2925, 0.2977



45.1424, 0.3496, 0.3439

Complementary

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



45.1424, 0.2965, 0.3457



36.6735, 0.3323, 0.3129

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.



45.1424, 0.3433, 0.3281



45.1424, 0.2965, 0.3457



45.1424, 0.3099, 0.3021

Square

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



45.1424, 0.2965, 0.3457



45.1424, 0.2807, 0.3013



45.1424, 0.3286, 0.3131



45.1424, 0.3456, 0.3564

Rectangle

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



45.1424, 0.2965, 0.3457



45.1424, 0.2781, 0.3175



45.1424, 0.3286, 0.3131



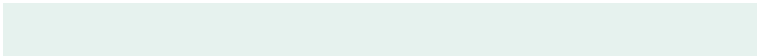
45.1424, 0.3486, 0.3388

Sweetspot

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



45.1443, 0.2965, 0.3457



86.6464, 0.3077, 0.3338



45.7451, 0.3211, 0.3719



19.0115, 0.3070, 0.3345



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.



45.1443, 0.2965, 0.3457



80.4513, 0.2931, 0.3498



44.3411, 0.2877, 0.3247



10.1502, 0.3035, 0.3380



24.4593, 0.2609, 0.4592



0.8740, 0.2504, 0.4216

Inverse Universe

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



36.6735, 0.3323, 0.3129



62.1970, 0.3375, 0.3092



37.2955, 0.3433, 0.3333



9.0682, 0.3229, 0.3202



7.3512, 0.5399, 0.2748



0.2714, 0.4705, 0.2366

Previews

White Background



This preview shows how the Yxy color 45.1424, 0.2965, 0.3457 looks on a white background.

Color Contrast Check

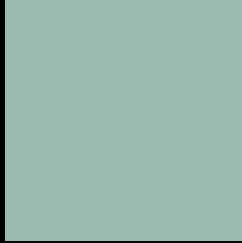
Large Text (above 18pt) WCAG AA × Fail

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 45.1424, 0.2965, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

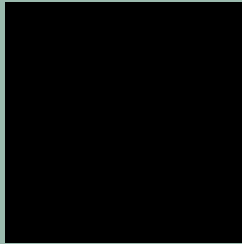
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

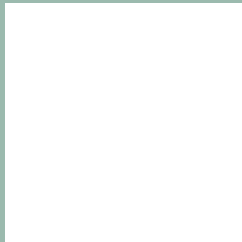
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1424, 0.2965, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 45.1424, 0.2965, 0.3457.



This preview shows how white text looks on a background with the Yxy color 45.1424, 0.2965, 0.3457.

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

45.1424, 0.2965, 0.3457

Protanopia

44.9334, 0.3245, 0.3396

Deuteranopia

44.9318, 0.3310, 0.3240



Tritanopia

45.2691, 0.2830, 0.3101

Trichromacy



Original Color

45.1424, 0.2965, 0.3457

Protanomaly

44.8723, 0.3138, 0.3425

Deuteranomaly

44.9205, 0.3178, 0.3317

Tritanomaly

45.2242, 0.2880, 0.3221

Monochromacy



Original Color

45.1424, 0.2965, 0.3457

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.6602, 0.3065, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1424, 0.2965, 0.3457 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(155, 186, 174)` looks like.

```
.text, #text, p{  
    color:rgb(155, 186, 174)  
}
```

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(155, 186, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 186, 174) }
```

Border

The CSS property to change the border of an element to Yxy 45.1424, 0.2965, 0.3457 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(155, 186, 174) }
```

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

```
.border{ border-color:rgb(155, 186, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 186, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 186, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 186, 174);  
box-shadow:4px 4px 4px 4px rgb(155, 186,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1424, 0.2965, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 186, 174) }
```

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

```
.background{ background-color: rgb(155,  
186, 174) }
```

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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