

Converting Colors

$Yxy(46.0942, 0.3001, 0.3585)$

Have a look what the booklet for
Yxy(46.0942, 0.3001, 0.3585)
contains.

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Color

Yxy(46.0924, 0.3001, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	9ABDA8
RGB	154, 189, 168
RGB Percent	60%, 74%, 66%
CMY	0.3960, 0.2588, 0.3411
CMYK	0.19, 0.00, 0.11, 0.26
HSL	144°, 21%, 67%
HSV	144°, 19%, 74%
XYZ	38.5947, 46.0924, 43.9190
YIQ	176.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

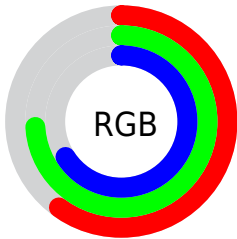
Format	Color
RYB	154, 179, 189
Decimal	10141096
CIELab	73.61, -15.98, 6.72
CIElCh	74, 17.332, 157.189
Yxy	46.0924, 0.3001, 0.3584
Android (android.graphics.Color)	4288331176 (0xFF9ABDA8)
YUV	176.1410, -4.0135, -19.4177
Hunter-Lab	67.8914, -17.3368, 9.1692

Details

The Yxy color **46.0924, 0.3001, 0.3584** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.0278, 0.3278, 0.3013**, and the grayscale version is **43.5227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1878, 0.3027, 0.3527**, and **21.6941, 0.2959, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **43.9792, 0.2937, 0.3769**, and if you desaturate by 10%, it is **48.5383, 0.3069, 0.3417**.

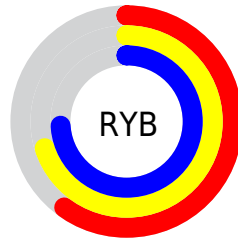
Distribution



Red (60%)

Green (74%)

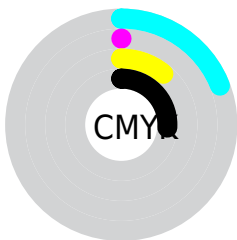
Blue (66%)



Red (60%)

Yellow (70%)

Blue (74%)

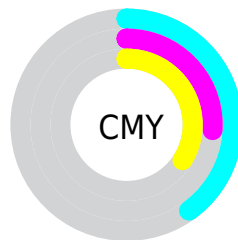


Cyan (19%)

Magenta (0%)

Yellow (11%)

Black (26%)



Cyan (40%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0924, 0.3001, 0.3584 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 46.0924, 0.3001, 0.3584 by changing the saturation by 10% instead.


 46.0924, 0.3001,
0.3584


 46.0924, 0.3001,
0.3584


371.1800, 0.3066,
0.3434

 32.3187, 0.2984,
0.3623


 84.3573, 0.3025,
0.3529

 21.6051, 0.2963,
0.3673


 109.6173, 0.3034,
0.3508

 13.5670, 0.2933,
0.3741


139.4748, 0.3041,
0.3491

 7.8201, 0.2891,
0.3839

174.3144, 0.3048,
0.3476

 3.9801, 0.2825,
0.3991

214.5202, 0.3053,
0.3463

 1.6624, 0.2709,
0.4257

260.4769, 0.3058,

 0.3991, 0.0000,

0.3452

1.0000

312.5687, 0.3062,
0.3442

0.0000, 0.0000,
0.0000

46.0924, 0.3001,
0.3584

46.0924, 0.3001,
0.3584

43.9792, 0.2937,
0.3769

48.5383, 0.3069,
0.3417

42.1783, 0.2878,
0.3971

51.3247, 0.3137,
0.3269

40.6759, 0.2828,
0.4189

54.4664, 0.3206,
0.3138

39.4550, 0.2791,
0.4417

57.9755, 0.3272,
0.3023

38.4967, 0.2769,
0.4650

61.8637, 0.3336,
0.2922

■ 37.7797, 0.2764,
0.4881

■ 63.7119, 0.3300,
0.2819

■ 37.2790, 0.2779,
0.5099

■ 64.3916, 0.3214,
0.2713

■ 36.9547, 0.2809,
0.5299

■ 64.8754, 0.3157,
0.2644

■ 36.9129, 0.2813,
0.5328

Harmonies

Analogous

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



46.0924, 0.3245, 0.3707



46.0924, 0.3001, 0.3584



46.0924, 0.2797, 0.3373

Triad

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



46.0924, 0.3001, 0.3584



46.0924, 0.2793, 0.2889



46.0924, 0.3594, 0.3404

Complementary

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



46.0924, 0.3001, 0.3584



37.0278, 0.3278, 0.3013

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.



46.0924, 0.3464, 0.3198



46.0924, 0.3001, 0.3584



46.0924, 0.2996, 0.2909

Square

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



46.0924, 0.3001, 0.3584



46.0924, 0.2680, 0.2972



46.0924, 0.3242, 0.3021



46.0924, 0.3593, 0.3590

Rectangle

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



46.0924, 0.3001, 0.3584



46.0924, 0.2708, 0.3219



46.0924, 0.3242, 0.3021



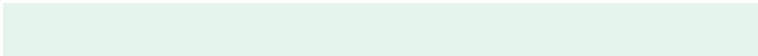
46.0924, 0.3565, 0.3335

Sweetspot

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



46.0943, 0.3001, 0.3584



88.0812, 0.3085, 0.3380



47.8432, 0.3280, 0.3762



18.8742, 0.3081, 0.3390



95.5105, 0.3127, 0.3290



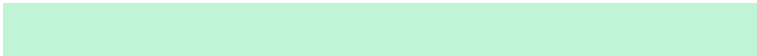
19.5994, 0.3127, 0.3290

Same Dimension

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



46.0943, 0.3001, 0.3584



81.0324, 0.2976, 0.3653



46.7903, 0.2877, 0.3337



10.7112, 0.3063, 0.3431



24.8503, 0.2807, 0.5304



0.9864, 0.2669, 0.4808

Inverse Universe

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



37.0278, 0.3278, 0.3013



61.9539, 0.3316, 0.2953



36.3849, 0.3448, 0.3244



9.6298, 0.3197, 0.3153



8.1015, 0.4523, 0.2265



0.3299, 0.4129, 0.2048

Previews

White Background



This preview shows how the Yxy color 46.0924, 0.3001, 0.3584 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 46.0924, 0.3001, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

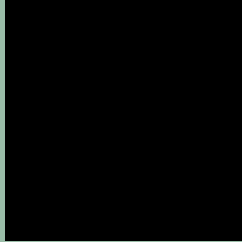
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

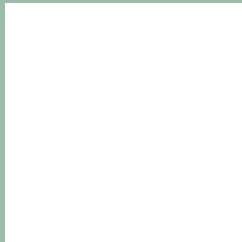
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0924, 0.3001, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 46.0924, 0.3001, 0.3584.



This preview shows how white text looks on a background with the Yxy color 46.0924, 0.3001, 0.3584.

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

46.0924, 0.3001, 0.3584

Protanopia

45.9782, 0.3337, 0.3513

Deuteranopia

45.6299, 0.3397, 0.3329



Tritanopia

45.8781, 0.2825, 0.3089

Trichromacy



Original Color

46.0924, 0.3001, 0.3584

Protanomaly

45.8137, 0.3210, 0.3533

Deuteranomaly

45.3328, 0.3244, 0.3409

Tritanomaly

46.0178, 0.2888, 0.3262

Monochromacy



Original Color

46.0924, 0.3001, 0.3584

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.3897, 0.3080, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0924, 0.3001, 0.3584 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, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(154, 189, 168)  
}
```

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, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 189, 168) }
```

Border

The CSS property to change the border of an element to Yxy 46.0924, 0.3001, 0.3584 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, 189, 168) }
```

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

```
.border{ border-color:rgb(154, 189, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(154, 189,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0924, 0.3001, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 189, 168) }
```

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

```
.background{ background-color: rgb(154,  
189, 168) }
```

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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