

Converting Colors

$Yxy(46.4354, 0.3003, 0.3560)$

Have a look what the booklet for
Yxy(46.4354, 0.3003, 0.3560)
contains.

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Color

Yxy(46.3654, 0.3002, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	9CBDAA
RGB	156, 189, 170
RGB Percent	61%, 74%, 67%
CMY	0.3883, 0.2588, 0.3332
CMYK	0.17, 0.00, 0.10, 0.26
HSL	146°, 20%, 68%
HSV	146°, 17%, 74%
XYZ	39.1640, 46.3654, 44.9303
YIQ	176.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

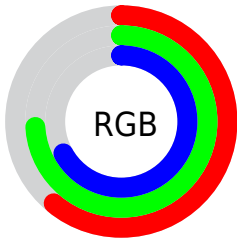
Format	Color
RYB	156, 179, 189
Decimal	10272170
CIELab	73.78, -14.93, 5.90
CIElCh	74, 16.049, 158.437
Yxy	46.3654, 0.3002, 0.3554
Android (android.graphics.Color)	4288462250 (0xFF9CBDA)
YUV	176.9670, -3.4347, -18.3881
Hunter-Lab	68.0921, -16.4948, 8.5422

Details

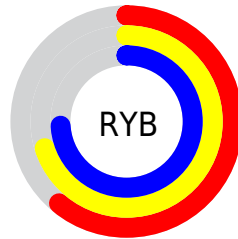
The Yxy color **46.3654, 0.3002, 0.3554** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6861, 0.3276, 0.3040**, and the grayscale version is **43.9727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5899, 0.3028, 0.3504**, and **21.8594, 0.2961, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **44.2320, 0.2934, 0.3729**, and if you desaturate by 10%, it is **48.8300, 0.3073, 0.3396**.

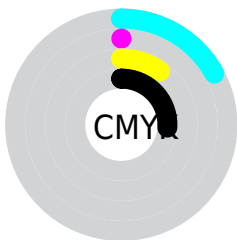
Distribution



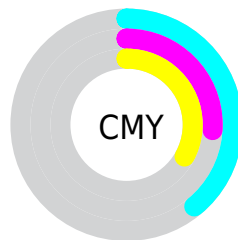
- Red (61%)
- Green (74%)
- Blue (67%)



- Red (61%)
- Yellow (70%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)



- Cyan (39%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3654, 0.3002, 0.3554 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 46.3654, 0.3002, 0.3554 by changing the saturation by 10% instead.


 46.3654, 0.3002,
0.3554


 46.3654, 0.3002,
0.3554

372.2757, 0.3066,
0.3419

 32.5343, 0.2986,
0.3588


 84.7656, 0.3026,
0.3504

 21.7699, 0.2964,
0.3633


 110.1034, 0.3034,
0.3486

 13.6879, 0.2936,
0.3694

140.0456, 0.3042,
0.3471

 7.9039, 0.2894,
0.3781

174.9766, 0.3048,
0.3457

 4.0335, 0.2831,
0.3914

215.2807, 0.3053,
0.3446

 1.6923, 0.2721,
0.4148

261.3423, 0.3058,

 0.4187, 0.0678,

0.3436


0.8445

313.5458, 0.3062,
0.3427

 0.0000, 0.0000,
0.0000


 46.3654, 0.3002,
0.3554

 46.3654, 0.3002,
0.3554

 44.2320, 0.2934,
0.3729


 48.8300, 0.3073,
0.3396


 42.4097, 0.2872,
0.3921


 51.6335, 0.3145,
0.3256


 40.8850, 0.2819,
0.4127

 54.7904, 0.3217,
0.3132

 39.6410, 0.2778,
0.4345

 58.3128, 0.3287,
0.3023

 38.6593, 0.2752,
0.4568

 62.2121, 0.3355,
0.2927

■ 37.9189, 0.2744,
0.4791

■ 63.6668, 0.3306,
0.2827

■ 37.3956, 0.2756,
0.5006

■ 64.3147, 0.3223,
0.2725

■ 37.0547, 0.2784,
0.5204

■ 64.8771, 0.3157,
0.2644

■ 36.9821, 0.2792,
0.5252

Harmonies

Analogous

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



46.3654, 0.3227, 0.3672



46.3654, 0.3002, 0.3554



46.3654, 0.2815, 0.3359

Triad

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



46.3654, 0.3002, 0.3554



46.3654, 0.2824, 0.2918



46.3654, 0.3561, 0.3404

Complementary

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



46.3654, 0.3002, 0.3554



37.6861, 0.3276, 0.3040

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.



46.3654, 0.3445, 0.3213



46.3654, 0.3002, 0.3554



46.3654, 0.3015, 0.2939

Square

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



46.3654, 0.3002, 0.3554



46.3654, 0.2715, 0.2991



46.3654, 0.3243, 0.3046



46.3654, 0.3555, 0.3574

Rectangle

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



46.3654, 0.3002, 0.3554



46.3654, 0.2735, 0.3217



46.3654, 0.3243, 0.3046



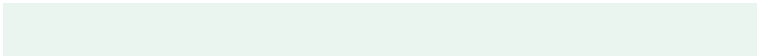
46.3654, 0.3535, 0.3340

Sweetspot

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



46.3673, 0.3002, 0.3554



88.5928, 0.3090, 0.3361



47.9397, 0.3267, 0.3735



18.9784, 0.3085, 0.3372



95.5105, 0.3127, 0.3290



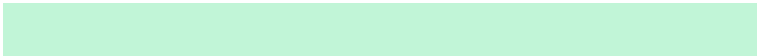
19.5994, 0.3127, 0.3290

Same Dimension

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



46.3673, 0.3002, 0.3554



81.4925, 0.2975, 0.3620



47.0198, 0.2886, 0.3327



10.7152, 0.3060, 0.3425



24.8961, 0.2786, 0.5229



0.9883, 0.2651, 0.4743

Inverse Universe

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



37.6861, 0.3276, 0.3040



63.0142, 0.3315, 0.2982



37.0866, 0.3431, 0.3254



9.6258, 0.3201, 0.3159



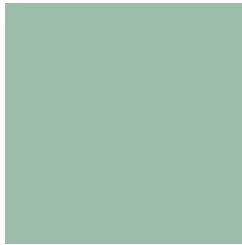
8.0321, 0.4624, 0.2321



0.3275, 0.4198, 0.2086

Previews

White Background



This preview shows how the Yxy color 46.3654, 0.3002, 0.3554 looks on a white background.

Color Contrast Check

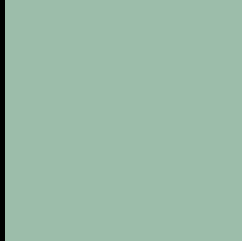
Large Text (above 18pt) WCAG AA × Fail

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 46.3654, 0.3002, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

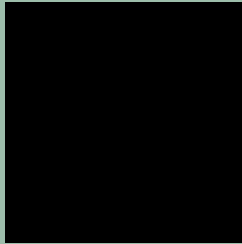
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3654, 0.3002, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 46.3654, 0.3002, 0.3554.



This preview shows how white text looks on a background with the Yxy color 46.3654, 0.3002, 0.3554.

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

46.3654, 0.3002, 0.3554

Protanopia

46.0505, 0.3320, 0.3487

Deuteranopia

46.0946, 0.3378, 0.3316



Tritanopia

46.3985, 0.2833, 0.3103

Trichromacy



Original Color

46.3654, 0.3002, 0.3554

Protanomaly

45.8871, 0.3194, 0.3505

Deuteranomaly

45.9354, 0.3235, 0.3395

Tritanomaly

46.1196, 0.2895, 0.3262

Monochromacy



Original Color

46.3654, 0.3002, 0.3554

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.5388, 0.3080, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3654, 0.3002, 0.3554 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(156, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(156, 189, 170)  
}
```

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(156, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 189, 170) }
```

Border

The CSS property to change the border of an element to Yxy 46.3654, 0.3002, 0.3554 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(156, 189, 170) }
```

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

```
.border{ border-color:rgb(156, 189, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(156, 189,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3654, 0.3002, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 189, 170) }
```

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

```
.background{ background-color: rgb(156,  
189, 170) }
```

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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