

Converting Colors

$Yxy(43.7956, 0.2978, 0.3358)$

Have a look what the booklet for
Yxy(43.7956, 0.2978, 0.3358)
contains.

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Color

Yxy(44.0012, 0.2974, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	9FB6B1
RGB	159, 182, 177
RGB Percent	62%, 71%, 69%
CMY	0.3766, 0.2862, 0.3059
CMYK	0.13, 0.00, 0.03, 0.29
HSL	167°, 14%, 67%
HSV	167°, 13%, 71%
XYZ	38.9579, 44.0012, 48.0358
YIQ	174.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

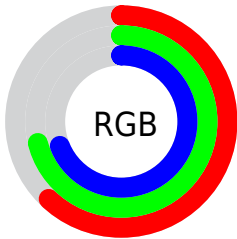
Format	Color
RYB	159, 172, 182
Decimal	10466993
CIELab	72.23, -8.89, -0.13
CIELCh	72, 8.888, 180.859
Yxy	44.0012, 0.2974, 0.3359
Android (android.graphics.Color)	4288657073 (0xFF9FB6B1)
YUV	174.5530, 1.2064, -13.6400
Hunter-Lab	66.3334, -11.2496, 3.4981

Details

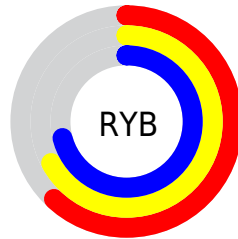
The Yxy color **44.0012, 0.2974, 0.3359** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4132, 0.3306, 0.3222**, and the grayscale version is **42.6239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3284, 0.3001, 0.3343**, and **20.2815, 0.2931, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **42.1221, 0.2860, 0.3420**, and if you desaturate by 10%, it is **46.1625, 0.3094, 0.3304**.

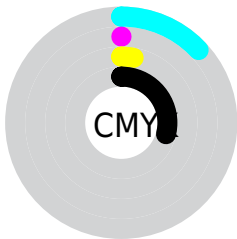
Distribution



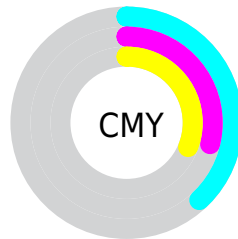
- Red (62%)
- Green (71%)
- Blue (69%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0012, 0.2974, 0.3359 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 44.0012, 0.2974, 0.3359 by changing the saturation by 10% instead.


 44.0012, 0.2974,
0.3359


 44.0012, 0.2974,
0.3359


362.7132, 0.3051,
0.3324

 30.6715, 0.2954,
0.3368


 81.2195, 0.3002,
0.3346

 20.3488, 0.2929,
0.3379


 105.8769, 0.3013,
0.3342

 12.6488, 0.2895,
0.3394

135.0790, 0.3022,
0.3338

 7.1872, 0.2848,
0.3416

169.2101, 0.3029,
0.3334

 3.5794, 0.2775,
0.3448

208.6547, 0.3036,
0.3331

 1.4412, 0.2652,
0.3503

253.7972, 0.3042,

 0.2468, 0.0325,

0.3329

0.4550

305.0218, 0.3047,
0.3326

0.0000, 0.0000,
0.0000

44.0012, 0.2974,
0.3359

44.0012, 0.2974,
0.3359

42.1221, 0.2860,
0.3420

46.1625, 0.3094,
0.3304

40.5078, 0.2754,
0.3485

48.6118, 0.3218,
0.3254

39.1471, 0.2660,
0.3555

51.3615, 0.3344,
0.3209

38.0263, 0.2580,
0.3629

54.4216, 0.3468,
0.3170

37.1301, 0.2517,
0.3706

57.8018, 0.3591,
0.3135

■ 36.4413, 0.2473,
0.3785

■ 58.9252, 0.3599,
0.3097

■ 35.9404, 0.2447,
0.3864

■ 59.1135, 0.3565,
0.3056

■ 35.6040, 0.2441,
0.3943

■ 59.3067, 0.3531,
0.3016

■ 35.4269, 0.2445,
0.4001

■ 59.5047, 0.3498,
0.2976

Harmonies

Analogous

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



44.0012, 0.3089, 0.3458



44.0012, 0.2974, 0.3359



44.0012, 0.2900, 0.3242

Triad

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



44.0012, 0.2974, 0.3359



44.0012, 0.3035, 0.3081



44.0012, 0.3375, 0.3432

Complementary

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



44.0012, 0.2974, 0.3359



37.4132, 0.3306, 0.3222

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.



44.0012, 0.3360, 0.3330



44.0012, 0.2974, 0.3359



44.0012, 0.3161, 0.3131

Square

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



44.0012, 0.2974, 0.3359



44.0012, 0.2934, 0.3084



44.0012, 0.3281, 0.3221



44.0012, 0.3322, 0.3498

Rectangle

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



44.0012, 0.2974, 0.3359



44.0012, 0.2883, 0.3172



44.0012, 0.3281, 0.3221



44.0012, 0.3377, 0.3401

Sweetspot

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



44.0030, 0.2974, 0.3359



83.0976, 0.3077, 0.3311



43.8923, 0.3158, 0.3613



18.2858, 0.3068, 0.3315



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.0030, 0.2974, 0.3359



78.8335, 0.2944, 0.3374



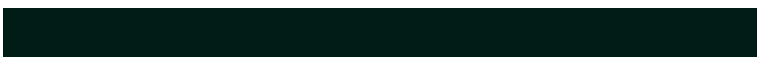
41.7448, 0.2935, 0.3204



10.1763, 0.3013, 0.3340



25.0249, 0.2442, 0.3992



0.8906, 0.2386, 0.3789

Inverse Universe

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



37.4132, 0.3306, 0.3222



64.6922, 0.3349, 0.3208



39.4011, 0.3342, 0.3374



9.0433, 0.3255, 0.3241



7.1375, 0.5998, 0.3078



0.2609, 0.5279, 0.2682

Previews

White Background



This preview shows how the Yxy color 44.0012, 0.2974, 0.3359 looks on a white background.

Color Contrast Check

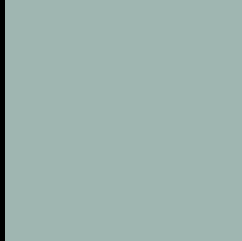
Large Text (above 18pt) WCAG AA × Fail

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 44.0012, 0.2974, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

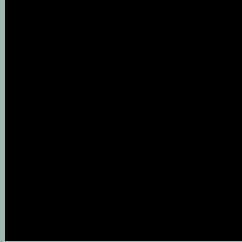
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

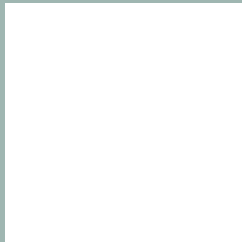
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0012, 0.2974, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 44.0012, 0.2974, 0.3359.



This preview shows how white text looks on a background with the Yxy color 44.0012, 0.2974, 0.3359.

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

44.0012, 0.2974, 0.3359

Protanopia

43.9304, 0.3188, 0.3317

Deuteranopia

43.7179, 0.3259, 0.3188



Tritanopia

43.8166, 0.2872, 0.3087

Trichromacy



Original Color

44.0012, 0.2974, 0.3359

Protanomaly

43.8202, 0.3108, 0.3330

Deuteranomaly

43.6981, 0.3155, 0.3250

Tritanomaly

43.8504, 0.2908, 0.3180

Monochromacy



Original Color

44.0012, 0.2974, 0.3359

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.4104, 0.3066, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0012, 0.2974, 0.3359 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(159, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(159, 182, 177)  
}
```

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(159, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 182, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.0012, 0.2974, 0.3359 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(159, 182, 177) }
```

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

```
.border{ border-color:rgb(159, 182, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 182, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(159, 182,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0012, 0.2974, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 182, 177) }
```

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

```
.background{ background-color: rgb(159,  
182, 177) }
```

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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