

Converting Colors

$Y_{xy}(44.1471, 0.2978, 0.3349)$

Have a look what the booklet for
Yxy(44.1471, 0.2978, 0.3349)
contains.

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Color

Yxy(44.1438, 0.2975, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	A0B6B2
RGB	160, 182, 178
RGB Percent	63%, 71%, 70%
CMY	0.3725, 0.2863, 0.3020
CMYK	0.12, 0.00, 0.02, 0.29
HSL	169°, 13%, 67%
HSV	169°, 12%, 71%
XYZ	39.2609, 44.1438, 48.5648
YIQ	174.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

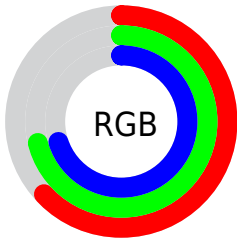
Format	Color
R_{YB}	160, 172, 182
Decimal	10532530
CIE Lab	72.32, -8.34, -0.53
CIE LCh	72, 8.353, 183.610
Yxy	44.1438, 0.2975, 0.3345
Android (android.graphics.Color)	4288722610 (0xFFA0B6B2)
YUV	174.9660, 1.4958, -13.1252
Hunter-Lab	66.4408, -10.7929, 3.1706

Details

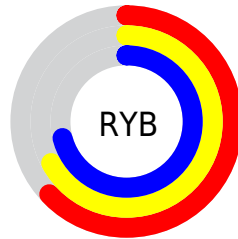
The Yxy color **44.1438, 0.2975, 0.3345** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7707, 0.3304, 0.3236**, and the grayscale version is **42.8490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5367, 0.3002, 0.3332**, and **20.3693, 0.2931, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **42.2732, 0.2856, 0.3395**, and if you desaturate by 10%, it is **46.2959, 0.3100, 0.3299**.

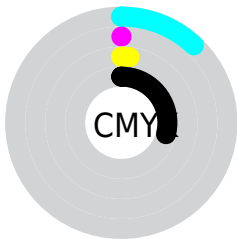
Distribution



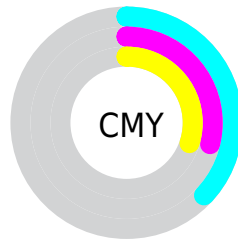
- Red (63%)
- Green (71%)
- Blue (70%)



- Red (63%)
- Yellow (67%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)




- Cyan (37%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1438, 0.2975, 0.3345 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 44.1438, 0.2975, 0.3345 by changing the saturation by 10% instead.


 44.1438, 0.2975,
0.3345


 44.1438, 0.2975,
0.3345


363.2948, 0.3052,
0.3318

 30.7836, 0.2956,
0.3352

 81.4341, 0.3003,
0.3335

 20.4341, 0.2931,
0.3361


 106.1329, 0.3013,
0.3331

 12.7110, 0.2897,
0.3373

135.3801, 0.3022,
0.3328

 7.2298, 0.2850,
0.3389

169.5600, 0.3030,
0.3325

 3.6062, 0.2778,
0.3414

209.0570, 0.3036,
0.3323

 1.4558, 0.2657,
0.3456

254.2556, 0.3042,

 0.2573, 0.0668,

0.3321

0.4182

305.5400, 0.3047,
0.3319

0.0000, 0.0000,
0.0000

44.1438, 0.2975,
0.3345

44.1438, 0.2975,
0.3345

42.2732, 0.2856,
0.3395

46.2959, 0.3100,
0.3299

40.6668, 0.2746,
0.3450

48.7352, 0.3230,
0.3258

39.3134, 0.2648,
0.3508

51.4740, 0.3360,
0.3220

38.1994, 0.2564,
0.3569

54.5225, 0.3490,
0.3187

37.3096, 0.2497,
0.3633

57.8901, 0.3619,
0.3159

■ 36.6269, 0.2449,
0.3698

■ 58.7907, 0.3624,
0.3126

■ 36.1321, 0.2420,
0.3763

■ 58.9456, 0.3595,
0.3092

■ 35.8021, 0.2410,
0.3828

■ 59.1039, 0.3566,
0.3058

■ 35.6207, 0.2411,
0.3880

■ 59.2655, 0.3538,
0.3024

Harmonies

Analogous

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



44.1438, 0.3081, 0.3440



44.1438, 0.2975, 0.3345



44.1438, 0.2910, 0.3236

Triad

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



44.1438, 0.2975, 0.3345



44.1438, 0.3051, 0.3095



44.1438, 0.3357, 0.3431

Complementary

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



44.1438, 0.2975, 0.3345



37.7707, 0.3304, 0.3236

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.



44.1438, 0.3349, 0.3338



44.1438, 0.2975, 0.3345



44.1438, 0.3171, 0.3147

Square

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



44.1438, 0.2975, 0.3345



44.1438, 0.2953, 0.3094



44.1438, 0.3280, 0.3234



44.1438, 0.3302, 0.3489

Rectangle

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



44.1438, 0.2975, 0.3345



44.1438, 0.2898, 0.3171



44.1438, 0.3280, 0.3234



44.1438, 0.3362, 0.3403

Sweetspot

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



44.1457, 0.2975, 0.3345



83.1168, 0.3075, 0.3308



43.8925, 0.3147, 0.3598



18.2908, 0.3066, 0.3311



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.



44.1457, 0.2975, 0.3345



78.9032, 0.2936, 0.3361



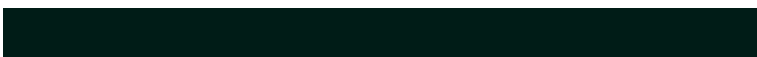
41.5266, 0.2943, 0.3193



10.1818, 0.3009, 0.3332



25.1628, 0.2409, 0.3872



0.8945, 0.2362, 0.3705

Inverse Universe

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



37.7707, 0.3304, 0.3236



64.6309, 0.3358, 0.3221



40.1113, 0.3330, 0.3385



9.0383, 0.3260, 0.3249



7.1088, 0.6093, 0.3130



0.2588, 0.5423, 0.2761

Previews

White Background



This preview shows how the Yxy color 44.1438, 0.2975, 0.3345 looks on a white background.

Color Contrast Check

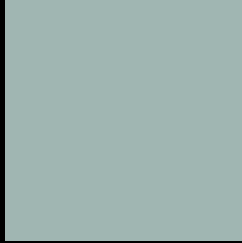
Large Text (above 18pt) WCAG AA × Fail

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 44.1438, 0.2975, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

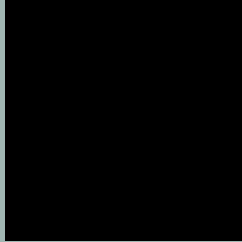
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

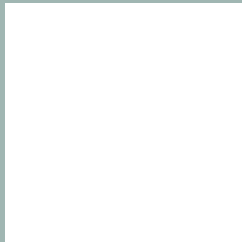
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1438, 0.2975, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 44.1438, 0.2975, 0.3345.



This preview shows how white text looks on a background with the Yxy color 44.1438, 0.2975, 0.3345.

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

44.1438, 0.2975, 0.3345

Protanopia

43.9696, 0.3179, 0.3303

Deuteranopia

44.1378, 0.3249, 0.3188



Tritanopia

44.3241, 0.2880, 0.3101

Trichromacy



Original Color

44.1438, 0.2975, 0.3345

Protanomaly

43.8596, 0.3100, 0.3317

Deuteranomaly

44.1291, 0.3147, 0.3250

Tritanomaly

44.3600, 0.2917, 0.3194

Monochromacy



Original Color

44.1438, 0.2975, 0.3345

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.5214, 0.3074, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1438, 0.2975, 0.3345 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(160, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(160, 182, 178)  
}
```

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(160, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 182, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.1438, 0.2975, 0.3345 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(160, 182, 178) }
```

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

```
.border{ border-color:rgb(160, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(160, 182,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1438, 0.2975, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 182, 178) }
```

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

```
.background{ background-color: rgb(160,  
182, 178) }
```

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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