

Converting Colors

$Yxy(44.5118, 0.2917, 0.3330)$

Have a look what the booklet for
Yxy(44.5118, 0.2917, 0.3330)
contains.

Yxy(44.5857, 0.2914, 0.3331)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.5857, 0.2914, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	9BB8B5
RGB	155, 184, 181
RGB Percent	61%, 72%, 71%
CMY	0.3920, 0.2785, 0.2902
CMYK	0.16, 0.00, 0.02, 0.28
HSL	174°, 17%, 66%
HSV	174°, 16%, 72%
XYZ	39.0041, 44.5857, 50.2610
YIQ	174.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

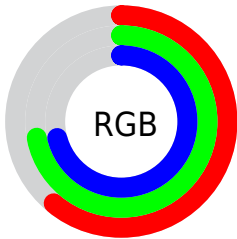
Format	Color
RYB	155, 170, 184
Decimal	10205365
CIELab	72.62, -10.42, -1.78
CIElCh	73, 10.567, 189.687
Yxy	44.5857, 0.2914, 0.3331
Android (android.graphics.Color)	4288395445 (0xFF9BB8B5)
YUV	174.9870, 2.9644, -17.5286
Hunter-Lab	66.7725, -12.5839, 2.1120

Details

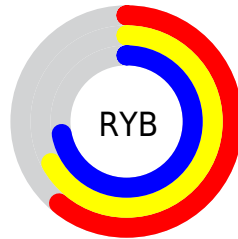
The Yxy color **44.5857, 0.2914, 0.3331** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.1181, 0.3389, 0.3250**, and the grayscale version is **42.8579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1362, 0.2953, 0.3322**, and **20.6747, 0.2850, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **42.8252, 0.2789, 0.3360**, and if you desaturate by 10%, it is **46.6284, 0.3048, 0.3304**.

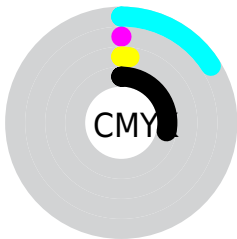
Distribution



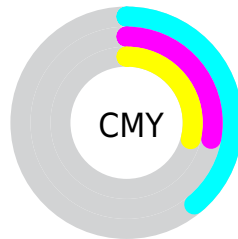
- Red (61%)
- Green (72%)
- Blue (71%)



- Red (61%)
- Yellow (67%)
- Blue (72%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)




- Cyan (39%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5857, 0.2914, 0.3331 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 44.5857, 0.2914, 0.3331 by changing the saturation by 10% instead.


 44.5857, 0.2914,
0.3331


 44.5857, 0.2914,
0.3331


365.0930, 0.3021,
0.3311

 31.1312, 0.2887,
0.3336


 82.0984, 0.2953,
0.3324

 20.6988, 0.2853,
0.3342


 106.9253, 0.2968,
0.3321

 12.9040, 0.2806,
0.3350


136.3119, 0.2980,
0.3319

 7.3625, 0.2741,
0.3361

170.6425, 0.2991,
0.3317

 3.6898, 0.2644,
0.3377

210.3016, 0.3000,
0.3315

 1.5016, 0.2481,
0.3401

255.6734, 0.3008,

 0.2899, 0.0282,

0.3314

0.3860

307.1424, 0.3015,
0.3312

0.0000, 0.0000,
0.0000

44.5857, 0.2914,
0.3331

44.5857, 0.2914,
0.3331

42.8252, 0.2789,
0.3360

46.6284, 0.3048,
0.3304

41.3287, 0.2675,
0.3391

48.9595, 0.3187,
0.3280

40.0848, 0.2575,
0.3424

51.5919, 0.3330,
0.3258

39.0788, 0.2491,
0.3458

54.5360, 0.3473,
0.3239

38.2944, 0.2425,
0.3493

57.8017, 0.3615,
0.3221

■ 37.7134, 0.2378,
0.3529

■ 59.3639, 0.3666,
0.3203

■ 37.3149, 0.2350,
0.3564

■ 59.4494, 0.3650,
0.3184

■ 37.0722, 0.2339,
0.3599

■ 59.5359, 0.3633,
0.3164

■ 36.9918, 0.2337,
0.3614

■ 59.6235, 0.3617,
0.3144

Harmonies

Analogous

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



44.5857, 0.3039, 0.3459



44.5857, 0.2914, 0.3331



44.5857, 0.2846, 0.3194

Triad

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



44.5857, 0.2914, 0.3331



44.5857, 0.3060, 0.3055



44.5857, 0.3410, 0.3486

Complementary

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



44.5857, 0.2914, 0.3331



36.1181, 0.3389, 0.3250

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.



44.5857, 0.3417, 0.3375



44.5857, 0.2914, 0.3331



44.5857, 0.3212, 0.3129

Square

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



44.5857, 0.2914, 0.3331



44.5857, 0.2929, 0.3039



44.5857, 0.3344, 0.3245



44.5857, 0.3326, 0.3548

Rectangle

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



44.5857, 0.2914, 0.3331



44.5857, 0.2841, 0.3118



44.5857, 0.3344, 0.3245



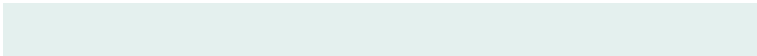
44.5857, 0.3421, 0.3453

Sweetspot

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



44.5876, 0.2914, 0.3331



84.7910, 0.3057, 0.3303



43.9588, 0.3136, 0.3702



18.2194, 0.3047, 0.3304



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.



44.5876, 0.2914, 0.3331



79.6306, 0.2868, 0.3341



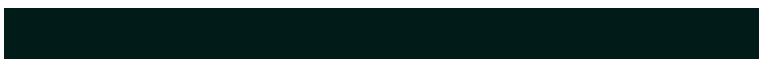
40.2815, 0.2886, 0.3134



10.1942, 0.2999, 0.3314



25.5024, 0.2336, 0.3610



0.9037, 0.2311, 0.3519

Inverse Universe

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



36.1181, 0.3389, 0.3250



61.2443, 0.3463, 0.3240



39.8822, 0.3395, 0.3442



9.0270, 0.3272, 0.3267



7.0609, 0.6260, 0.3222



0.2540, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 44.5857, 0.2914, 0.3331 looks on a white background.

Color Contrast Check

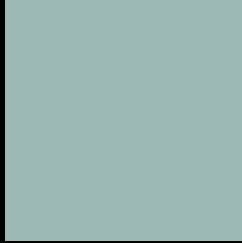
Large Text (above 18pt) WCAG AA × Fail

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 44.5857, 0.2914, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

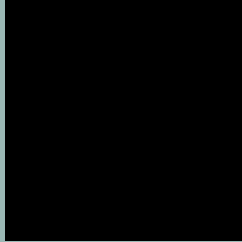
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

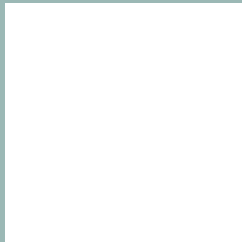
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5857, 0.2914, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 44.5857, 0.2914, 0.3331.



This preview shows how white text looks on a background with the Yxy color 44.5857, 0.2914, 0.3331.

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

44.5857, 0.2914, 0.3331

Protanopia

44.4424, 0.3162, 0.3290

Deuteranopia

44.1304, 0.3214, 0.3150



Tritanopia

44.7105, 0.2829, 0.3100

Trichromacy



Original Color

44.5857, 0.2914, 0.3331

Protanomaly

44.6275, 0.3075, 0.3317

Deuteranomaly

44.0118, 0.3105, 0.3211

Tritanomaly

44.7967, 0.2857, 0.3180

Monochromacy



Original Color

44.5857, 0.2914, 0.3331

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3399, 0.3049, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5857, 0.2914, 0.3331 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, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(155, 184, 181)  
}
```

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, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 184, 181) }
```

Border

The CSS property to change the border of an element to Yxy 44.5857, 0.2914, 0.3331 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, 184, 181) }
```

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

```
.border{ border-color:rgb(155, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(155, 184,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5857, 0.2914, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 184, 181) }
```

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

```
.background{ background-color: rgb(155,  
184, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor