

Converting Colors

$Yxy(44.4138, 0.2807, 0.3013)$

Have a look what the booklet for
Yxy(44.4138, 0.2807, 0.3013)
contains.

Yxy(44.3331, 0.2807, 0.3009)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.3331, 0.2807, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	A0B4C9
RGB	160, 180, 201
RGB Percent	63%, 71%, 79%
CMY	0.3727, 0.2941, 0.2117
CMYK	0.20, 0.10, 0.00, 0.21
HSL	211°, 28%, 71%
HSV	211°, 20%, 79%
XYZ	41.3569, 44.3331, 61.6450
YIQ	176.4140, -18.6610, 2.2910

Conversions

Conversions Part 2

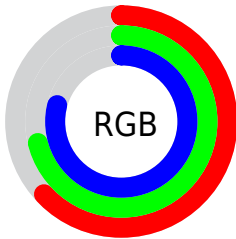
Format	Color
RYB	160, 173, 201
Decimal	10532041
CIELab	72.45, -2.37, -12.95
CIELCh	72, 13.167, 259.639
Yxy	44.3331, 0.2807, 0.3009
Android (android.graphics.Color)	4288722121 (0xFFA0B4C9)
YUV	176.4140, 12.1209, -14.3951
Hunter-Lab	66.5831, -5.6483, -8.2846

Details

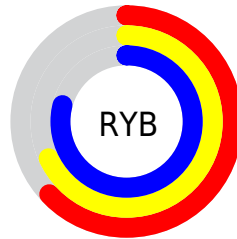
The Yxy color $44.3331, 0.2807, 0.3009$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.9920, 0.3479, 0.3556$, and the grayscale version is $43.5844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6580, 0.2880, 0.3092$, and $20.4735, 0.2717, 0.2922$ is the 20% darker color. If you saturate the color by 10%, you get $38.4282, 0.2644, 0.2849$, and if you desaturate by 10%, it is $50.8847, 0.2967, 0.3154$.

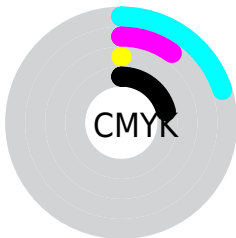
Distribution



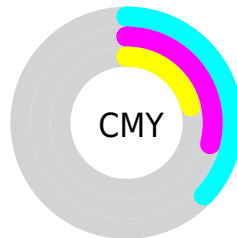
- Red (63%)
- Green (71%)
- Blue (79%)



- Red (63%)
- Yellow (68%)
- Blue (79%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)





- Cyan (37%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3331, 0.2807, 0.3009 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 44.3331, 0.2807, 0.3009 by changing the saturation by 10% instead.

 44.3331, 0.2807,
0.3009

 44.3331, 0.2807,
0.3009


364.0658, 0.2967,
0.3151

 30.9325, 0.2767,
0.2973


 81.7187, 0.2865,
0.3061

 20.5474, 0.2716,
0.2928


 106.4725, 0.2887,
0.3080

 12.7936, 0.2648,
0.2866


135.7795, 0.2905,
0.3096

 7.2866, 0.2554,
0.2781

170.0241, 0.2921,
0.3110

 3.6420, 0.2415,
0.2652

209.5906, 0.2935,
0.3122

 1.4754, 0.2189,
0.2442

254.8634, 0.2947,

 0.2713, 0.1182,

0.3133

0.1603

306.2271, 0.2958,
0.3142

0.0000, 0.0000,
0.0000

44.3331, 0.2807,
0.3009

44.3331, 0.2807,
0.3009

38.4282, 0.2644,
0.2849

50.8847, 0.2967,
0.3154

33.1420, 0.2480,
0.2674

58.0991, 0.3121,
0.3285

28.4518, 0.2321,
0.2488

65.9984, 0.3267,
0.3401

24.3317, 0.2170,
0.2293

74.6019, 0.3405,
0.3503

20.7529, 0.2035,
0.2093

82.8754, 0.3493,
0.3597

■ 17.6835, 0.1919,
0.1895

■ 88.8178, 0.3473,
0.3696

■ 15.0868, 0.1826,
0.1703

■ 95.1044, 0.3453,
0.3793

■ 12.9835, 0.1758,
0.1529

■ 96.9978, 0.3448,
0.3820

Harmonies

Analogous

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



44.3331, 0.2770, 0.3119



44.3331, 0.2807, 0.3009



44.3331, 0.2928, 0.2976

Triad

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



44.3331, 0.2807, 0.3009



44.3331, 0.3438, 0.3286



44.3331, 0.3141, 0.3580

Complementary

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



44.3331, 0.2807, 0.3009



47.9920, 0.3479, 0.3556

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.



44.3331, 0.3323, 0.3621



44.3331, 0.2807, 0.3009



44.3331, 0.3498, 0.3444

Square

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



44.3331, 0.2807, 0.3009



44.3331, 0.3293, 0.3134



44.3331, 0.3455, 0.3568



44.3331, 0.2959, 0.3453

Rectangle

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



44.3331, 0.2807, 0.3009



44.3331, 0.3042, 0.2998



44.3331, 0.3455, 0.3568



44.3331, 0.3204, 0.3604

Sweetspot

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



44.3349, 0.2807, 0.3009



92.3192, 0.3035, 0.3213



52.5661, 0.2960, 0.3563



19.5867, 0.3024, 0.3204



0.0000, 0.0000, 0.0000



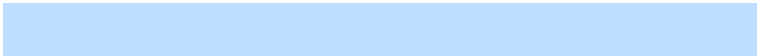
21.4041, 0.3127, 0.3290

Same Dimension

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



44.3349, 0.2807, 0.3009



70.7740, 0.2727, 0.2932



36.8172, 0.2789, 0.2731



11.1282, 0.2983, 0.3169



8.3443, 0.1765, 0.1555



0.5400, 0.1872, 0.1940

Inverse Universe

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



40.8449, 0.3339, 0.3038



63.9251, 0.3404, 0.2974



56.7374, 0.3432, 0.3794



10.7218, 0.3215, 0.3178



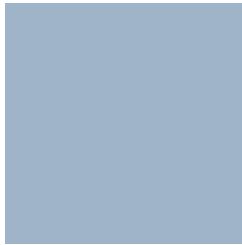
8.3824, 0.4989, 0.2522



0.4115, 0.4521, 0.2264

Previews

White Background



This preview shows how the Yxy color 44.3331, 0.2807, 0.3009 looks on a white background.

Color Contrast Check

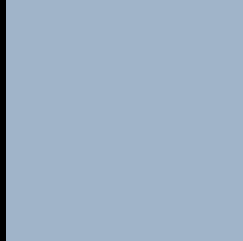
Large Text (above 18pt) WCAG AA × Fail

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 44.3331, 0.2807, 0.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

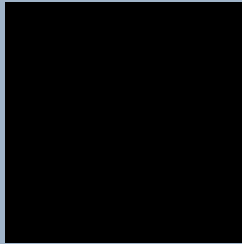
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

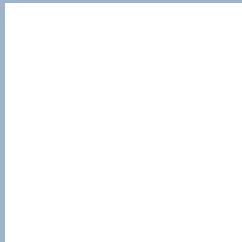
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3331, 0.2807, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 44.3331, 0.2807, 0.3009.



This preview shows how white text looks on a background with the Yxy color 44.3331, 0.2807, 0.3009.

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

44.3331, 0.2807, 0.3009

Protanopia

44.1729, 0.2930, 0.2990

Deuteranopia

44.2187, 0.2981, 0.2921



Tritanopia

44.3588, 0.2843, 0.3100

Trichromacy



Original Color

44.3331, 0.2807, 0.3009

Protanomaly

44.0494, 0.2883, 0.2987

Deuteranomaly

44.4289, 0.2916, 0.2953

Tritanomaly

44.4499, 0.2829, 0.3074

Monochromacy



Original Color

44.3331, 0.2807, 0.3009

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4931, 0.3004, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3331, 0.2807, 0.3009 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, 180, 201)` looks like.

```
.text, #text, p{  
    color:rgb(160, 180, 201)  
}
```

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, 180, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 180, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.3331, 0.2807, 0.3009 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, 180, 201) }
```

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

```
.border{ border-color:rgb(160, 180, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 180, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 180, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 180, 201);  
box-shadow:4px 4px 4px 4px rgb(160, 180,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3331, 0.2807, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 180, 201) }
```

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

```
.background{ background-color: rgb(160,  
180, 201) }
```

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