

Converting Colors

$Y_{xy}(44.1965, 0.2820, 0.2864)$

Have a look what the booklet for
Yxy(44.1965, 0.2820, 0.2864)
contains.

Yxy(44.0891, 0.2817, 0.2862)	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(44.0891, 0.2817, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	A9B0D1
RGB	169, 176, 209
RGB Percent	66%, 69%, 82%
CMY	0.3373, 0.3098, 0.1803
CMYK	0.19, 0.16, 0.00, 0.18
HSL	229°, 30%, 74%
HSV	229°, 19%, 82%
XYZ	43.3959, 44.0891, 66.5650
YIQ	177.6690, -14.7650, 8.7790

Conversions

Conversions Part 2

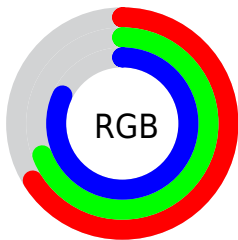
Format	Color
RYB	169, 175, 209
Decimal	11120849
CIELab	72.29, 4.46, -17.52
CIELCh	72, 18.081, 284.279
Yxy	44.0891, 0.2817, 0.2862
Android (android.graphics.Color)	4289310929 (0xFFA9B0D1)
YUV	177.6690, 15.4462, -7.6027
Hunter-Lab	66.3996, 0.4604, -12.9579

Details

The Yxy color **44.0891, 0.2817, 0.2862** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.6687, 0.3428, 0.3685**, and the grayscale version is **44.2598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9408, 0.2942, 0.3054**, and **20.4949, 0.2720, 0.2743** is the 20% darker color. If you saturate the color by 10%, you get **35.6250, 0.2634, 0.2600**, and if you desaturate by 10%, it is **53.7847, 0.2986, 0.3098**.

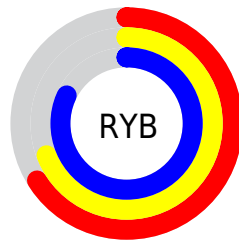
Distribution



Red (66%)

Green (69%)

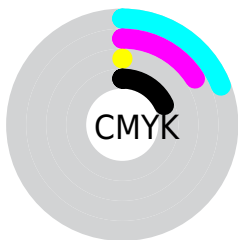
Blue (82%)



Red (66%)

Yellow (69%)

Blue (82%)

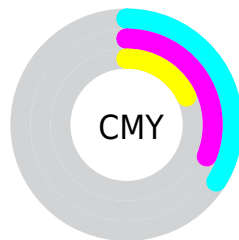


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (18%)



Cyan (34%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0891, 0.2817, 0.2862 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 44.0891, 0.2817, 0.2862 by changing the saturation by 10% instead.

■ 44.0891, 0.2817,
0.2862

■ 44.0891, 0.2817,
0.2862

■ 363.0717, 0.2973,
0.3074

■ 30.7406, 0.2778,
0.2810

■ 81.3518, 0.2874,
0.2939

■ 20.4014, 0.2728,
0.2743

■ 106.0348, 0.2895,
0.2967

■ 12.6871, 0.2661,
0.2656

■ 135.2646, 0.2913,
0.2992

■ 7.2135, 0.2568,
0.2535

■ 169.4258, 0.2929,
0.3013

■ 3.5960, 0.2431,
0.2361

■ 208.9027, 0.2942,
0.3031

■ 1.4502, 0.2209,
0.2086

■ 254.0798, 0.2954,

■ 0.2533, 0.1582,

0.3047

0.1146

305.3413, 0.2964,
0.3062

0.0000, 0.0000,
0.0000

44.0891, 0.2817,
0.2862

44.0891, 0.2817,
0.2862

35.6250, 0.2634,
0.2600

53.7847, 0.2986,
0.3098

28.3375, 0.2441,
0.2314

64.7530, 0.3139,
0.3307

22.1752, 0.2244,
0.2012

77.0402, 0.3277,
0.3489

17.0811, 0.2052,
0.1705

90.6884, 0.3400,
0.3648

12.9928, 0.1876,
0.1409

97.3851, 0.3399,
0.3740

■ 9.8415, 0.1727,
0.1142

■ 7.5487, 0.1617,
0.0922

■ 6.0097, 0.1546,
0.0760

■ 5.9073, 0.1541,
0.0749

Harmonies

Analogous

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



44.0891, 0.2673, 0.2923



44.0891, 0.2817, 0.2862



44.0891, 0.3048, 0.2908

Triad

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



44.0891, 0.2817, 0.2862



44.0891, 0.3635, 0.3459



44.0891, 0.2936, 0.3555

Complementary

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



44.0891, 0.2817, 0.2862



58.6687, 0.3428, 0.3685

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.



44.0891, 0.3190, 0.3713



44.0891, 0.2817, 0.2862



44.0891, 0.3599, 0.3644

Square

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



44.0891, 0.2817, 0.2862



44.0891, 0.3528, 0.3243



44.0891, 0.3434, 0.3743



44.0891, 0.2739, 0.3320

Rectangle

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



44.0891, 0.2817, 0.2862



44.0891, 0.3223, 0.2991



44.0891, 0.3434, 0.3743



44.0891, 0.3017, 0.3620

Sweetspot

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



44.0909, 0.2817, 0.2862



89.4256, 0.3035, 0.3165



58.2995, 0.2888, 0.3382



18.9040, 0.3025, 0.3151



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.



44.0909, 0.2817, 0.2862



63.4526, 0.2743, 0.2757



42.8781, 0.2915, 0.2784



11.7481, 0.2982, 0.3092



3.7427, 0.1546, 0.0767



0.3140, 0.1634, 0.1082

Inverse Universe

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



45.0637, 0.3437, 0.3205



65.3852, 0.3521, 0.3185



60.2636, 0.3313, 0.3779



11.8416, 0.3263, 0.3249



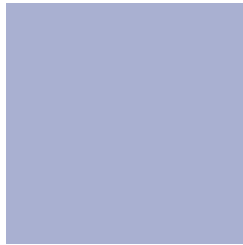
8.4491, 0.6123, 0.3147



0.4830, 0.5637, 0.2879

Previews

White Background



This preview shows how the Yxy color 44.0891, 0.2817, 0.2862 looks on a white background.

Color Contrast Check

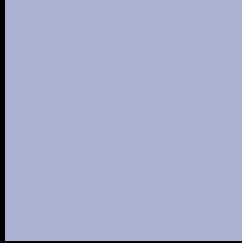
Large Text (above 18pt) WCAG AA × Fail

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 44.0891, 0.2817, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

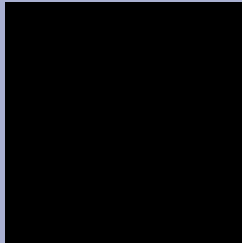
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

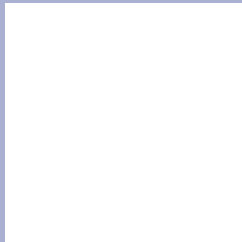
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0891, 0.2817, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 44.0891, 0.2817, 0.2862.



This preview shows how white text looks on a background with the Yxy color 44.0891, 0.2817, 0.2862.

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

44.0891, 0.2817, 0.2862

Protanopia

44.3120, 0.2833, 0.2864

Deuteranopia

44.0053, 0.2880, 0.2820



Tritanopia

44.1974, 0.2911, 0.3102

Trichromacy



Original Color

44.0891, 0.2817, 0.2862

Protanomaly

44.2002, 0.2825, 0.2863

Deuteranomaly

44.0392, 0.2856, 0.2830

Tritanomaly

44.1798, 0.2875, 0.3012

Monochromacy



Original Color

44.0891, 0.2817, 0.2862

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2324, 0.3015, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0891, 0.2817, 0.2862 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(169, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(169, 176, 209)  
}
```

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(169, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 176, 209) }
```

Border

The CSS property to change the border of an element to Yxy 44.0891, 0.2817, 0.2862 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(169, 176, 209) }
```

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

```
.border{ border-color:rgb(169, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(169, 176,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0891, 0.2817, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 176, 209) }
```

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

```
.background{ background-color: rgb(169,  
176, 209) }
```

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