

Converting Colors

$Y_{xy}(44.8780, 0.2759, 0.3094)$

Have a look what the booklet for
Yxy(44.8780, 0.2759, 0.3094)
contains.

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Color

Yxy(44.8422, 0.2758, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	96B8C6
RGB	150, 184, 198
RGB Percent	59%, 72%, 78%
CMY	0.4115, 0.2785, 0.2235
CMYK	0.24, 0.07, 0.00, 0.22
HSL	198°, 30%, 68%
HSV	198°, 24%, 78%
XYZ	39.9208, 44.8422, 59.9826
YIQ	175.4300, -24.7580, -2.8540

Conversions

Conversions Part 2

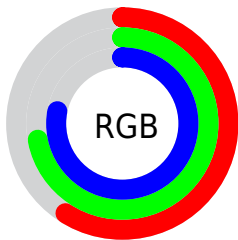
Format	Color
RYB	150, 170, 198
Decimal	9877702
CIELab	72.79, -8.26, -10.87
CIELCh	73, 13.652, 232.772
Yxy	44.8422, 0.2758, 0.3098
Android (android.graphics.Color)	4288067782 (0xFF96B8C6)
YUV	175.4300, 11.1270, -22.3021
Hunter-Lab	66.9643, -10.7746, -6.2334

Details

The Yxy color **44.8422, 0.2758, 0.3098** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7941, 0.3585, 0.3474**, and the grayscale version is **43.0620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5193, 0.2823, 0.3131**, and **20.8429, 0.2656, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **40.7637, 0.2611, 0.3006**, and if you desaturate by 10%, it is **49.3403, 0.2910, 0.3183**.

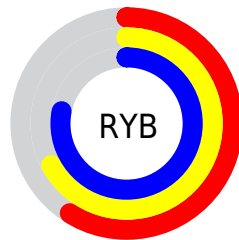
Distribution



Red (59%)

Green (72%)

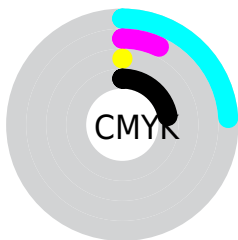
Blue (78%)



Red (59%)

Yellow (67%)

Blue (78%)

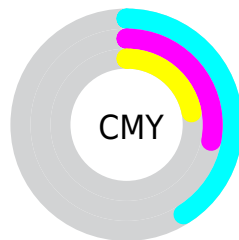


Cyan (24%)

Magenta (7%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8422, 0.2758, 0.3098 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 44.8422, 0.2758, 0.3098 by changing the saturation by 10% instead.

■ 44.8422, 0.2758,
0.3098

■ 44.8422, 0.2758,
0.3098

366.1341, 0.2942,
0.3197

■ 31.3332, 0.2713,
0.3073

■ 82.4836, 0.2824,
0.3134

■ 20.8527, 0.2654,
0.3040

■ 107.3847, 0.2849,
0.3148

■ 13.0163, 0.2578,
0.2995

136.8519, 0.2871,
0.3159

■ 7.4398, 0.2471,
0.2932

171.2697, 0.2889,
0.3169

■ 3.7386, 0.2315,
0.2835

211.0224, 0.2905,
0.3177

■ 1.5285, 0.2064,
0.2670

256.4945, 0.2919,

■ 0.3086, 0.0611,

0.3184

0.2054

308.0702, 0.2931,
0.3191

0.0000, 0.0000,
0.0000

44.8422, 0.2758,
0.3098

44.8422, 0.2758,
0.3098

40.7637, 0.2611,
0.3006

49.3403, 0.2910,
0.3183

37.0822, 0.2471,
0.2908

54.2686, 0.3063,
0.3260

33.7810, 0.2343,
0.2804

59.6438, 0.3215,
0.3329

30.8400, 0.2229,
0.2696

65.4801, 0.3364,
0.3391

28.2363, 0.2133,
0.2586

71.7911, 0.3508,
0.3447

■ 25.9441, 0.2057,
0.2476

■ 75.8627, 0.3541,
0.3503

■ 23.9320, 0.2000,
0.2366

■ 78.9325, 0.3529,
0.3560

■ 22.8623, 0.1973,
0.2303

■ 82.1084, 0.3516,
0.3617

■ 85.3914, 0.3504,
0.3673

Harmonies

Analogous

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



44.8422, 0.2805, 0.3262



44.8422, 0.2758, 0.3098



44.8422, 0.2806, 0.2992

Triad

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



44.8422, 0.2758, 0.3098



44.8422, 0.3317, 0.3144



44.8422, 0.3311, 0.3632

Complementary

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



44.8422, 0.2758, 0.3098



40.7941, 0.3585, 0.3474

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.



44.8422, 0.3455, 0.3587



44.8422, 0.2758, 0.3098



44.8422, 0.3460, 0.3303

Square

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



44.8422, 0.2758, 0.3098



44.8422, 0.3125, 0.3022



44.8422, 0.3511, 0.3465



44.8422, 0.3120, 0.3579

Rectangle

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



44.8422, 0.2758, 0.3098



44.8422, 0.2886, 0.2966



44.8422, 0.3511, 0.3465



44.8422, 0.3367, 0.3627

Sweetspot

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



44.8440, 0.2758, 0.3098



93.4845, 0.3019, 0.3238



49.5508, 0.3002, 0.3770



19.8933, 0.3009, 0.3234



0.0000, 0.0000, 0.0000



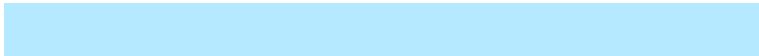
21.4041, 0.3127, 0.3290

Same Dimension

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



44.8440, 0.2758, 0.3098



75.5383, 0.2680, 0.3051



35.8677, 0.2730, 0.2764



11.5233, 0.2984, 0.3221



15.0201, 0.1977, 0.2318



0.8319, 0.2040, 0.2544

Inverse Universe

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



37.3014, 0.3286, 0.2860



60.2325, 0.3328, 0.2764



50.0165, 0.3517, 0.3766



10.7617, 0.3181, 0.3128



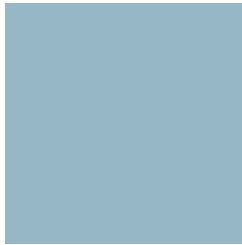
9.0563, 0.4108, 0.2037



0.4410, 0.3878, 0.1910

Previews

White Background



This preview shows how the Yxy color 44.8422, 0.2758, 0.3098 looks on a white background.

Color Contrast Check

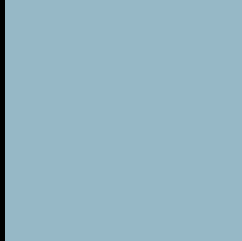
Large Text (above 18pt) WCAG AA × Fail

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 44.8422, 0.2758, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

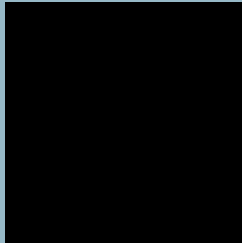
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

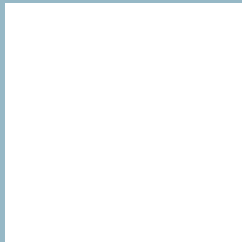
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8422, 0.2758, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 44.8422, 0.2758, 0.3098.



This preview shows how white text looks on a background with the Yxy color 44.8422, 0.2758, 0.3098.

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

44.8422, 0.2758, 0.3098

Protanopia

44.6864, 0.2993, 0.3068

Deuteranopia

44.7565, 0.3014, 0.2960



Tritanopia

44.8885, 0.2751, 0.3085

Trichromacy



Original Color

44.8422, 0.2758, 0.3098

Protanomaly

44.7981, 0.2905, 0.3090

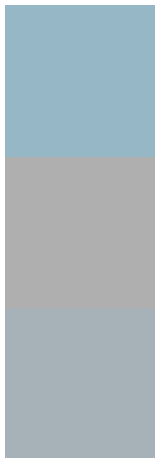
Deuteranomaly

44.7350, 0.2915, 0.3015

Tritanomaly

44.8885, 0.2751, 0.3085

Monochromacy



Original Color

44.8422, 0.2758, 0.3098

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3667, 0.2986, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8422, 0.2758, 0.3098 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(150, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(150, 184, 198)  
}
```

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(150, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 184, 198) }
```

Border

The CSS property to change the border of an element to Yxy 44.8422, 0.2758, 0.3098 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(150, 184, 198) }
```

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

```
.border{ border-color:rgb(150, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(150, 184,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8422, 0.2758, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 184, 198) }
```

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

```
.background{ background-color: rgb(150,  
184, 198) }
```

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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