

Converting Colors

$Y_{xy}(43.6888, 0.2461, 0.2795)$

Have a look what the booklet for
Yxy(43.6888, 0.2461, 0.2795)
contains.

Yxy(43.8083, 0.2462, 0.2800)	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(43.8083, 0.2462, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	7DB8DC
RGB	125, 184, 220
RGB Percent	49%, 72%, 86%
CMY	0.5096, 0.2784, 0.1373
CMYK	0.43, 0.16, 0.00, 0.14
HSL	203°, 58%, 68%
HSV	203°, 43%, 86%
XYZ	38.5200, 43.8083, 74.1299
YIQ	170.4630, -46.7200, -1.3120

Conversions

Conversions Part 2

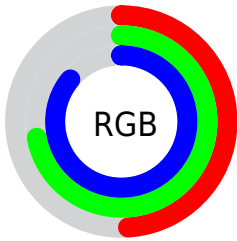
Format	Color
R _{YB}	125, 161, 220
Decimal	8239324
CIE Lab	72.10, -9.73, -24.05
CIE LCh	72, 25.940, 247.977
Yxy	43.8083, 0.2462, 0.2800
Android (android.graphics.Color)	4286429404 (0xFF7DB8DC)
YUV	170.4630, 24.4217, -39.8711
Hunter-Lab	66.1878, -11.9453, -20.0729

Details

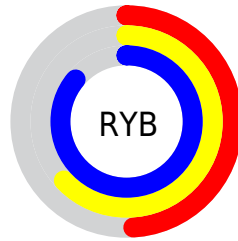
The Yxy color **43.8083, 0.2462, 0.2800** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **42.2014, 0.4057, 0.3724**, and the grayscale version is **40.3402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3639, 0.2688, 0.3125**, and **20.2144, 0.2280, 0.2654** is the 20% darker color. If you saturate the color by 10%, you get **38.9693, 0.2321, 0.2662**, and if you desaturate by 10%, it is **49.2217, 0.2612, 0.2930**.

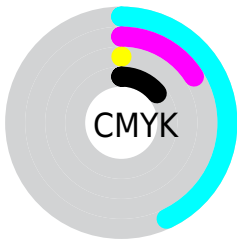
Distribution



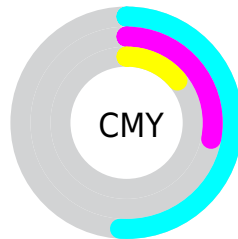
- Red (49%)
- Green (72%)
- Blue (86%)



- Red (49%)
- Yellow (63%)
- Blue (86%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)





- Cyan (51%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8083, 0.2462, 0.2800 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 43.8083, 0.2462, 0.2800 by changing the saturation by 10% instead.


 43.8083, 0.2462,
0.2800

 43.8083, 0.2462,
0.2800

361.9254, 0.2789,
0.3049


 30.5198, 0.2383,
0.2737


 80.9292, 0.2579,
0.2891

 20.2335, 0.2283,
0.2657

 105.5304, 0.2624,
0.2925

 12.5649, 0.2153,
0.2551

 134.6714, 0.2662,
0.2954

 7.1296, 0.1978,
0.2404

168.7364, 0.2694,
0.2978

 3.5433, 0.1733,
0.2190

208.1099, 0.2722,
0.2999

 1.4215, 0.1372,
0.1856

253.1763, 0.2747,

 0.2325, 0.0000,

0.3018

0.0920

304.3200, 0.2769,
0.3034

0.0000, 0.0000,
0.0000

43.8083, 0.2462,
0.2800

43.8083, 0.2462,
0.2800

38.9693, 0.2321,
0.2662

49.2217, 0.2612,
0.2930

34.6716, 0.2193,
0.2518

55.2301, 0.2767,
0.3050

30.8859, 0.2082,
0.2371

61.8589, 0.2924,
0.3161

27.5769, 0.1991,
0.2224

69.1304, 0.3079,
0.3261

24.7025, 0.1922,
0.2079

77.0657, 0.3230,
0.3350

■ 22.9412, 0.1884,
0.1982

■ 85.2950, 0.3362,
0.3430

■ 90.1576, 0.3350,
0.3511

■ 95.2467, 0.3339,
0.3591

■ 97.9469, 0.3334,
0.3631

Harmonies

Analogous

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



43.8083, 0.2459, 0.3054



43.8083, 0.2462, 0.2800



43.8083, 0.2630, 0.2690

Triad

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



43.8083, 0.2462, 0.2800



43.8083, 0.3649, 0.3155



43.8083, 0.3288, 0.3935

Complementary

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



43.8083, 0.2462, 0.2800



42.2014, 0.4057, 0.3724

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.



43.8083, 0.3625, 0.3924



43.8083, 0.2462, 0.2800



43.8083, 0.3845, 0.3457

Square

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



43.8083, 0.2462, 0.2800



43.8083, 0.3308, 0.2895



43.8083, 0.3834, 0.3739



43.8083, 0.2921, 0.3740

Rectangle

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



43.8083, 0.2462, 0.2800



43.8083, 0.2821, 0.2700



43.8083, 0.3834, 0.3739



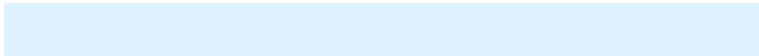
43.8083, 0.3409, 0.3955

Sweetspot

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



43.8100, 0.2462, 0.2800



86.4876, 0.2925, 0.3161



58.0793, 0.2870, 0.4127



18.0541, 0.2890, 0.3138



0.0000, 0.0000, 0.0000



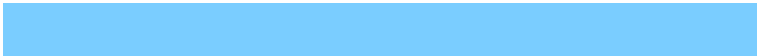
21.4041, 0.3127, 0.3290

Same Dimension

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



43.8100, 0.2462, 0.2800



54.9194, 0.2331, 0.2672



27.6234, 0.2350, 0.2133



13.9570, 0.2982, 0.3199



13.6861, 0.1890, 0.2004



1.0508, 0.1955, 0.2237

Inverse Universe

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



33.3543, 0.3548, 0.2601



39.6722, 0.3679, 0.2464



61.4837, 0.3823, 0.4227



13.1868, 0.3195, 0.3146



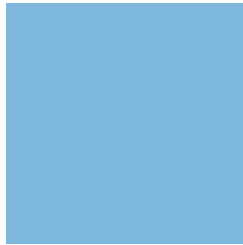
10.0054, 0.4448, 0.2224



0.6648, 0.4193, 0.2084

Previews

White Background



This preview shows how the Yxy color 43.8083, 0.2462, 0.2800 looks on a white background.

Color Contrast Check

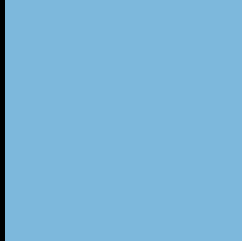
Large Text (above 18pt) WCAG AA × Fail

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 43.8083, 0.2462, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

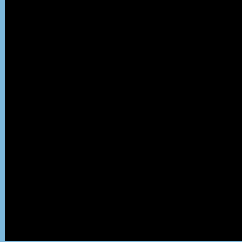
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8083, 0.2462, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 43.8083, 0.2462, 0.2800.



This preview shows how white text looks on a background with the Yxy color 43.8083, 0.2462, 0.2800.

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

43.8083, 0.2462, 0.2800

Protanopia

43.2917, 0.2772, 0.2786

Deuteranopia

43.5961, 0.2725, 0.2670



Tritanopia

43.7980, 0.2541, 0.3076

Trichromacy



Original Color

43.8083, 0.2462, 0.2800

Protanomaly

43.4741, 0.2646, 0.2788

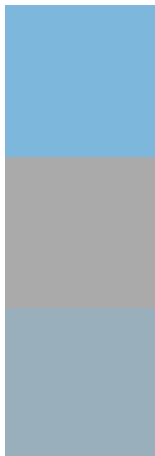
Deuteranomaly

43.4370, 0.2621, 0.2716

Tritanomaly

43.8588, 0.2510, 0.2968

Monochromacy



Original Color

43.8083, 0.2462, 0.2800

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.1608, 0.2849, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8083, 0.2462, 0.2800 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(125, 184, 220)` looks like.

```
.text, #text, p{  
    color:rgb(125, 184, 220)  
}
```

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(125, 184, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 184, 220) }
```

Border

The CSS property to change the border of an element to Yxy 43.8083, 0.2462, 0.2800 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(125, 184, 220) }
```

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

```
.border{ border-color:rgb(125, 184, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 184, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 184, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 184, 220);  
box-shadow:4px 4px 4px 4px rgb(125, 184,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8083, 0.2462, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 184, 220) }
```

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

```
.background{ background-color: rgb(125,  
184, 220) }
```

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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