

Converting Colors

$Y_{xy}(44.5503, 0.2730, 0.2993)$

Have a look what the booklet for
Yxy(44.5503, 0.2730, 0.2993)
contains.

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Color

Yxy(44.4909, 0.2730, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	98B6CC
RGB	152, 182, 204
RGB Percent	60%, 71%, 80%
CMY	0.4038, 0.2863, 0.2000
CMYK	0.25, 0.11, 0.00, 0.20
HSL	205°, 34%, 70%
HSV	205°, 25%, 80%
XYZ	40.5814, 44.4909, 63.5775
YIQ	175.5380, -24.9420, 0.4820

Conversions

Conversions Part 2

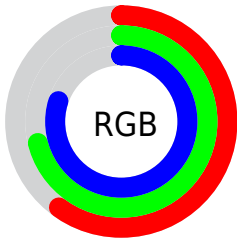
Format	Color
RYB	152, 171, 204
Decimal	10008268
CIELab	72.56, -5.20, -14.48
CIElCh	73, 15.389, 250.238
Yxy	44.4909, 0.2730, 0.2993
Android (android.graphics.Color)	4288198348 (0xFF98B6CC)
YUV	175.5380, 14.0318, -20.6428
Hunter-Lab	66.7015, -8.1276, -9.8221

Details

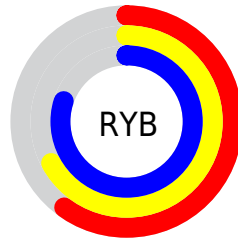
The Yxy color **44.4909, 0.2730, 0.2993** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3977, 0.3594, 0.3569**, and the grayscale version is **43.1030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6345, 0.2833, 0.3111**, and **20.6118, 0.2618, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **39.2593, 0.2573, 0.2856**, and if you desaturate by 10%, it is **50.2831, 0.2888, 0.3119**.

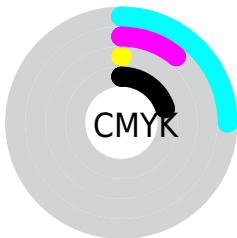
Distribution



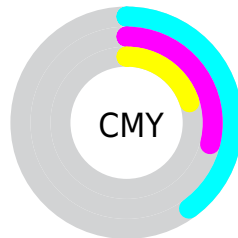
- Red (60%)
- Green (71%)
- Blue (80%)



- Red (60%)
- Yellow (67%)
- Blue (80%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)




- Cyan (40%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4909, 0.2730, 0.2993 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 44.4909, 0.2730, 0.2993 by changing the saturation by 10% instead.

 44.4909, 0.2730,
0.2993


 44.4909, 0.2730,
0.2993

364.7078, 0.2928,
0.3144

 31.0566, 0.2681,
0.2955


 81.9559, 0.2802,
0.3048

 20.6420, 0.2619,
0.2906


 106.7555, 0.2828,
0.3069

 12.8625, 0.2536,
0.2840


136.1122, 0.2851,
0.3086

 7.3340, 0.2422,
0.2748

170.4105, 0.2871,
0.3101

 3.6718, 0.2255,
0.2610

210.0349, 0.2888,
0.3114

 1.4917, 0.1990,
0.2384

255.3696, 0.2903,

 0.2829, 0.0792,

0.3125

0.1580

306.7991, 0.2916,
0.3135

0.0000, 0.0000,
0.0000

44.4909, 0.2730,
0.2993

44.4909, 0.2730,
0.2993

39.2593, 0.2573,
0.2856

50.2831, 0.2888,
0.3119

34.5617, 0.2420,
0.2708

56.6503, 0.3044,
0.3233

30.3769, 0.2276,
0.2552

63.6132, 0.3195,
0.3335

26.6801, 0.2146,
0.2390

71.1896, 0.3340,
0.3426

23.4435, 0.2032,
0.2224

79.3963, 0.3478,
0.3506

■ 20.6356, 0.1940,
0.2060

■ 84.3739, 0.3469,
0.3590

■ 18.2182, 0.1869,
0.1901

■ 89.4101, 0.3452,
0.3673

■ 17.2219, 0.1842,
0.1830

■ 94.6896, 0.3437,
0.3755

■ 97.1398, 0.3430,
0.3790

Harmonies

Analogous

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



44.4909, 0.2720, 0.3144



44.4909, 0.2730, 0.2993



44.4909, 0.2842, 0.2926

Triad

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



44.4909, 0.2730, 0.2993



44.4909, 0.3446, 0.3226



44.4909, 0.3211, 0.3657

Complementary

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



44.4909, 0.2730, 0.2993



45.3977, 0.3594, 0.3569

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.



44.4909, 0.3412, 0.3668



44.4909, 0.2730, 0.2993



44.4909, 0.3552, 0.3412

Square

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



44.4909, 0.2730, 0.2993



44.4909, 0.3253, 0.3061



44.4909, 0.3539, 0.3575



44.4909, 0.2993, 0.3537

Rectangle

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



44.4909, 0.2730, 0.2993



44.4909, 0.2962, 0.2934



44.4909, 0.3539, 0.3575



44.4909, 0.3283, 0.3674

Sweetspot

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



44.4927, 0.2730, 0.2993



90.9446, 0.3003, 0.3204



52.9111, 0.2949, 0.3701



19.1168, 0.2979, 0.3187



0.0000, 0.0000, 0.0000



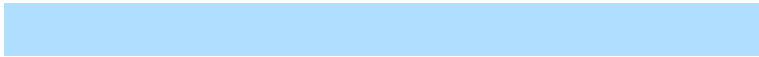
21.4041, 0.3127, 0.3290

Same Dimension

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



44.4927, 0.2730, 0.2993



68.4310, 0.2637, 0.2913



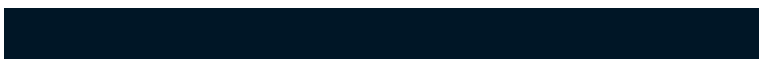
34.9405, 0.2698, 0.2632



11.8999, 0.2983, 0.3189



11.0270, 0.1848, 0.1852



0.7172, 0.1934, 0.2161

Inverse Universe

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



38.6846, 0.3361, 0.2917



57.5392, 0.3432, 0.2826



56.2640, 0.3520, 0.3872



11.3203, 0.3201, 0.3157



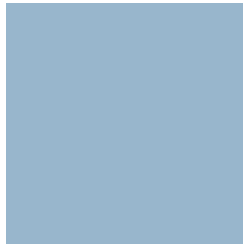
8.9162, 0.4623, 0.2321



0.4750, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 44.4909, 0.2730, 0.2993 looks on a white background.

Color Contrast Check

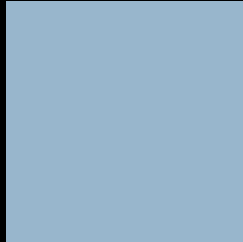
Large Text (above 18pt) WCAG AA × Fail

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 44.4909, 0.2730, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

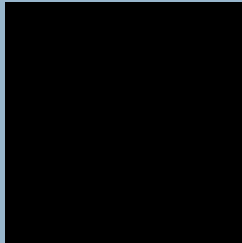
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

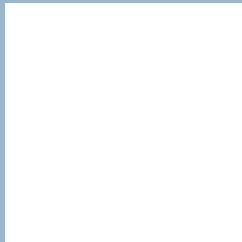
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4909, 0.2730, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 44.4909, 0.2730, 0.2993.



This preview shows how white text looks on a background with the Yxy color 44.4909, 0.2730, 0.2993.

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

44.4909, 0.2730, 0.2993

Protanopia

44.2195, 0.2923, 0.2977

Deuteranopia

44.1671, 0.2934, 0.2871



Tritanopia

44.5235, 0.2764, 0.3085

Trichromacy



Original Color

44.4909, 0.2730, 0.2993

Protanomaly

44.1648, 0.2852, 0.2986

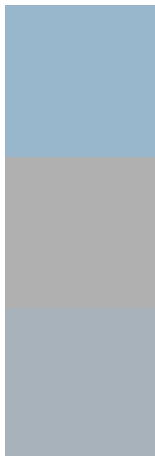
Deuteranomaly

44.0045, 0.2854, 0.2912

Tritanomaly

44.6164, 0.2750, 0.3058

Monochromacy



Original Color

44.4909, 0.2730, 0.2993

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6014, 0.2971, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4909, 0.2730, 0.2993 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(152, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(152, 182, 204)  
}
```

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(152, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 182, 204) }
```

Border

The CSS property to change the border of an element to Yxy 44.4909, 0.2730, 0.2993 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(152, 182, 204) }
```

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

```
.border{ border-color:rgb(152, 182, 204) }
```

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

Here you see how a box with a 4 pixel rgb(152, 182, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(152, 182,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4909, 0.2730, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 182, 204) }
```

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

```
.background{ background-color: rgb(152,  
182, 204) }
```

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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