

Converting Colors

$Yxy(44.7935, 0.2657, 0.3003)$

Have a look what the booklet for
Yxy(44.7935, 0.2657, 0.3003)
contains.

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Color

Yxy(44.9938, 0.2658, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	8FB9CE
RGB	143, 185, 206
RGB Percent	56%, 73%, 81%
CMY	0.4394, 0.2745, 0.1922
CMYK	0.31, 0.10, 0.00, 0.19
HSL	200°, 39%, 68%
HSV	200°, 31%, 81%
XYZ	39.8114, 44.9938, 64.9744
YIQ	174.8360, -31.7730, -2.3730

Conversions

Conversions Part 2

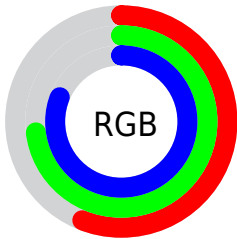
Format	Color
R_{YB}	143, 168, 206
Decimal	9419214
CIE _{Lab}	72.89, -9.03, -15.13
CIE _{LCh}	73, 17.617, 239.155
Yxy	44.9938, 0.2658, 0.3004
Android (android.graphics.Color)	4287609294 (0xFF8FB9CE)
YUV	174.8360, 15.3639, -27.9202
Hunter-Lab	67.0774, -11.4431, -10.4769

Details

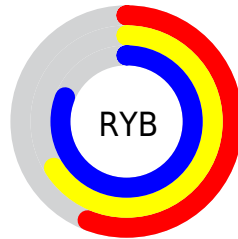
The Yxy color **44.9938, 0.2658, 0.3004** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6340, 0.3732, 0.3558**, and the grayscale version is **42.7091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1364, 0.2783, 0.3140**, and **20.9432, 0.2523, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **40.5230, 0.2511, 0.2893**, and if you desaturate by 10%, it is **49.9441, 0.2810, 0.3107**.

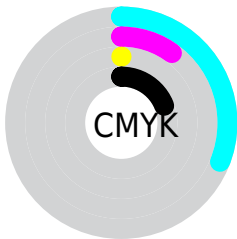
Distribution



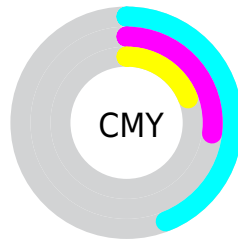
- Red (56%)
- Green (73%)
- Blue (81%)



- Red (56%)
- Yellow (66%)
- Blue (81%)



- Cyan (31%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)




- Cyan (44%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9938, 0.2658, 0.3004 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 44.9938, 0.2658, 0.3004 by changing the saturation by 10% instead.


 44.9938, 0.2658,
0.3004

 44.9938, 0.2658,
0.3004


366.7484, 0.2890,
0.3150

 31.4525, 0.2601,
0.2967


 82.7111, 0.2742,
0.3058

 20.9437, 0.2528,
0.2919


 107.6559, 0.2773,
0.3078

 13.0828, 0.2433,
0.2854

137.1708, 0.2800,
0.3095

 7.4856, 0.2302,
0.2763

171.6400, 0.2823,
0.3109

 3.7676, 0.2113,
0.2625

211.4479, 0.2843,
0.3121

 1.5444, 0.1818,
0.2398

256.9791, 0.2861,

 0.3197, 0.0444,

0.3132

0.1701

308.6178, 0.2876,
0.3142

0.0000, 0.0000,
0.0000

44.9938, 0.2658,
0.3004

44.9938, 0.2658,
0.3004

40.5230, 0.2511,
0.2893

49.9441, 0.2810,
0.3107

36.5059, 0.2373,
0.2776

55.3875, 0.2964,
0.3200

32.9220, 0.2248,
0.2653

61.3436, 0.3118,
0.3285

29.7467, 0.2140,
0.2526

67.8291, 0.3269,
0.3361

26.9522, 0.2050,
0.2399

74.8600, 0.3414,
0.3429

■ 24.5056, 0.1981,
0.2272

■ 80.1928, 0.3469,
0.3495

■ 22.4682, 0.1932,
0.2155

■ 84.0003, 0.3457,
0.3562

■ 87.9587, 0.3444,
0.3628

■ 92.0697, 0.3432,
0.3693

Harmonies

Analogous

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



44.9938, 0.2692, 0.3202



44.9938, 0.2658, 0.3004



44.9938, 0.2743, 0.2892

Triad

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



44.9938, 0.2658, 0.3004



44.9938, 0.3418, 0.3143



44.9938, 0.3313, 0.3730

Complementary

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



44.9938, 0.2658, 0.3004



41.6340, 0.3732, 0.3558

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.



44.9938, 0.3518, 0.3694



44.9938, 0.2658, 0.3004



44.9938, 0.3583, 0.3349

Square

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



44.9938, 0.2658, 0.3004



44.9938, 0.3177, 0.2976



44.9938, 0.3619, 0.3550



44.9938, 0.3063, 0.3637

Rectangle

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



44.9938, 0.2658, 0.3004



44.9938, 0.2859, 0.2876



44.9938, 0.3619, 0.3550



44.9938, 0.3389, 0.3732

Sweetspot

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



44.9956, 0.2658, 0.3004



91.1265, 0.2987, 0.3213



52.6177, 0.2957, 0.3890



19.2118, 0.2965, 0.3200



0.0000, 0.0000, 0.0000



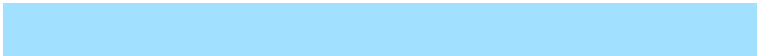
21.4041, 0.3127, 0.3290

Same Dimension

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



44.9956, 0.2658, 0.3004



67.8539, 0.2556, 0.2929



33.5751, 0.2608, 0.2568



12.0733, 0.2983, 0.3211



14.0207, 0.1937, 0.2173



0.8592, 0.2005, 0.2417

Inverse Universe

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



36.2581, 0.3364, 0.2771



51.9874, 0.3434, 0.2652



53.8820, 0.3624, 0.3921



11.3378, 0.3188, 0.3137



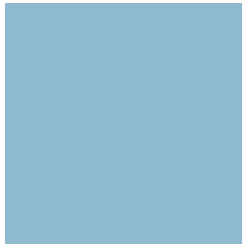
9.2184, 0.4261, 0.2121



0.4893, 0.4006, 0.1980

Previews

White Background



This preview shows how the Yxy color 44.9938, 0.2658, 0.3004 looks on a white background.

Color Contrast Check

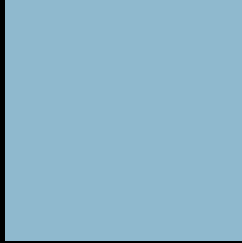
Large Text (above 18pt) WCAG AA × Fail

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 44.9938, 0.2658, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

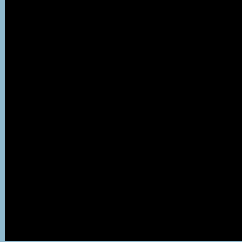
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

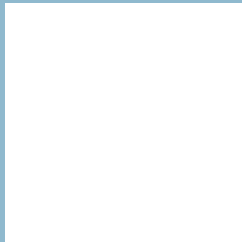
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9938, 0.2658, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 44.9938, 0.2658, 0.3004.



This preview shows how white text looks on a background with the Yxy color 44.9938, 0.2658, 0.3004.

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

44.9938, 0.2658, 0.3004

Protanopia

44.7753, 0.2924, 0.2979

Deuteranopia

44.6499, 0.2919, 0.2860



Tritanopia

45.0856, 0.2685, 0.3083

Trichromacy



Original Color

44.9938, 0.2658, 0.3004

Protanomaly

44.7408, 0.2816, 0.2986

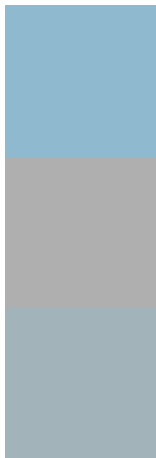
Deuteranomaly

44.5613, 0.2818, 0.2912

Tritanomaly

45.1804, 0.2672, 0.3057

Monochromacy



Original Color

44.9938, 0.2658, 0.3004

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.5719, 0.2939, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9938, 0.2658, 0.3004 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(143, 185, 206)` looks like.

```
.text, #text, p{  
    color:rgb(143, 185, 206)  
}
```

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(143, 185, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 185, 206) }
```

Border

The CSS property to change the border of an element to Yxy 44.9938, 0.2658, 0.3004 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(143, 185, 206) }
```

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

```
.border{ border-color:rgb(143, 185, 206) }
```

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

Here you see how a box with a 4 pixel rgb(143, 185, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 185, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 185, 206);  
box-shadow:4px 4px 4px 4px rgb(143, 185,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9938, 0.2658, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 185, 206) }
```

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

```
.background{ background-color: rgb(143,  
185, 206) }
```

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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