

Converting Colors

$Yxy(43.7634, 0.2578, 0.2661)$

Have a look what the booklet for
Yxy(43.7634, 0.2578, 0.2661)
contains.

Yxy(43.9111, 0.2578, 0.2669)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9111, 0.2578, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	97B2E2
RGB	151, 178, 226
RGB Percent	59%, 70%, 89%
CMY	0.4078, 0.3020, 0.1137
CMYK	0.33, 0.21, 0.00, 0.11
HSL	218°, 56%, 74%
HSV	218°, 33%, 89%
XYZ	42.4139, 43.9111, 78.1976
YIQ	175.3990, -31.5000, 9.2040

Conversions

Conversions Part 2

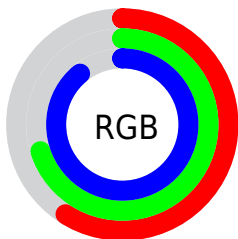
Format	Color
R_{YB}	151, 171, 226
Decimal	9941730
CIE _{Lab}	72.17, 2.05, -27.09
CIE _{LCh}	72, 27.167, 274.319
Yxy	43.9111, 0.2578, 0.2669
Android (android.graphics.Color)	4288131810 (0xFF97B2E2)
YUV	175.3990, 24.9463, -21.3979
Hunter-Lab	66.2655, -1.7136, -23.5803

Details

The Yxy color **43.9111, 0.2578, 0.2669** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.2681, 0.3718, 0.3840**, and the grayscale version is **42.9706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3310, 0.2831, 0.3068**, and **20.4587, 0.2428, 0.2503** is the 20% darker color. If you saturate the color by 10%, you get **36.4954, 0.2400, 0.2441**, and if you desaturate by 10%, it is **52.3523, 0.2753, 0.2879**.

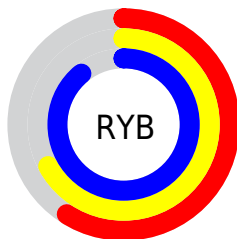
Distribution



Red (59%)

Green (70%)

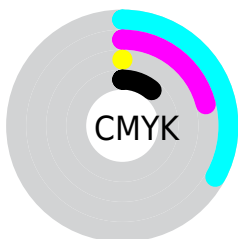
Blue (89%)



Red (59%)

Yellow (67%)

Blue (89%)

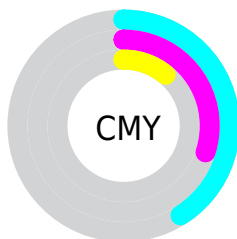


Cyan (33%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9111, 0.2578, 0.2669 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 43.9111, 0.2578, 0.2669 by changing the saturation by 10% instead.

■ 43.9111, 0.2578,
0.2669

■ 43.9111, 0.2578,
0.2669

362.3454, 0.2850,
0.2975

■ 30.6006, 0.2511,
0.2595

■ 81.0840, 0.2676,
0.2779

■ 20.2949, 0.2427,
0.2501

■ 105.7151, 0.2713,
0.2821

■ 12.6096, 0.2316,
0.2378

134.8886, 0.2745,
0.2856

■ 7.1603, 0.2166,
0.2213

168.9889, 0.2772,
0.2886

■ 3.5625, 0.1954,
0.1980

208.4003, 0.2795,
0.2913

■ 1.4320, 0.1634,
0.1635

253.5073, 0.2816,

■ 0.2401, 0.0861,

0.2936

0.0743

304.6942, 0.2834,
0.2957

0.0000, 0.0000,
0.0000

43.9111, 0.2578,
0.2669

43.9111, 0.2578,
0.2669

36.4954, 0.2400,
0.2441

52.3523, 0.2753,
0.2879

30.0574, 0.2226,
0.2200

61.8535, 0.2921,
0.3070

24.5530, 0.2060,
0.1952

72.4541, 0.3079,
0.3240

19.9321, 0.1912,
0.1705

84.1895, 0.3227,
0.3391

16.1387, 0.1789,
0.1470

95.3412, 0.3303,
0.3528

■ 13.1084, 0.1695,
0.1256

■ 98.2715, 0.3297,
0.3572

■ 11.4213, 0.1646,
0.1126

Harmonies

Analogous

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



43.9111, 0.2423, 0.2802



43.9111, 0.2578, 0.2669



43.9111, 0.2880, 0.2691

Triad

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



43.9111, 0.2578, 0.2669



43.9111, 0.3865, 0.3424



43.9111, 0.2956, 0.3798

Complementary

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



43.9111, 0.2578, 0.2669



59.2681, 0.3718, 0.3840

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.



43.9111, 0.3341, 0.3977



43.9111, 0.2578, 0.2669



43.9111, 0.3880, 0.3725

Square

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



43.9111, 0.2578, 0.2669



43.9111, 0.3636, 0.3111



43.9111, 0.3683, 0.3938



43.9111, 0.2630, 0.3455

Rectangle

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



43.9111, 0.2578, 0.2669



43.9111, 0.3134, 0.2784



43.9111, 0.3683, 0.3938



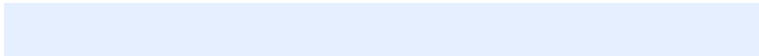
43.9111, 0.3082, 0.3881

Sweetspot

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



43.9128, 0.2578, 0.2669



85.5021, 0.2971, 0.3125



65.0802, 0.2806, 0.3637



17.8905, 0.2948, 0.3100



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.



43.9128, 0.2578, 0.2669



50.6861, 0.2452, 0.2509



35.2113, 0.2609, 0.2326



14.0463, 0.2981, 0.3136



6.7203, 0.1654, 0.1155



0.6315, 0.1741, 0.1465

Inverse Universe

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



41.5251, 0.3619, 0.2977



47.7467, 0.3771, 0.2909



71.2335, 0.3550, 0.4138



13.7816, 0.3236, 0.3206



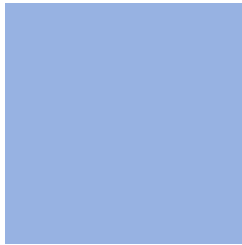
9.5865, 0.5531, 0.2820



0.6812, 0.5104, 0.2585

Previews

White Background



This preview shows how the Yxy color 43.9111, 0.2578, 0.2669 looks on a white background.

Color Contrast Check

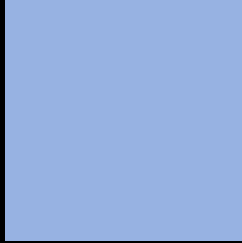
Large Text (above 18pt) WCAG AA × Fail

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 43.9111, 0.2578, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

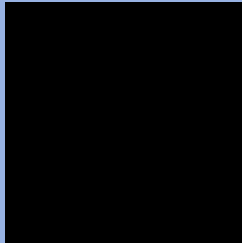
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

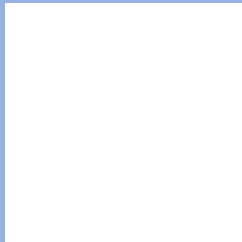
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9111, 0.2578, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 43.9111, 0.2578, 0.2669.



This preview shows how white text looks on a background with the Yxy color 43.9111, 0.2578, 0.2669.

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

43.9111, 0.2578, 0.2669

Protanopia

43.9343, 0.2677, 0.2667

Deuteranopia

43.6487, 0.2677, 0.2612



Tritanopia

43.9639, 0.2720, 0.3082

Trichromacy



Original Color

43.9111, 0.2578, 0.2669

Protanomaly

43.8578, 0.2636, 0.2663

Deuteranomaly

43.7831, 0.2636, 0.2630

Tritanomaly

43.8049, 0.2667, 0.2925

Monochromacy



Original Color

43.9111, 0.2578, 0.2669

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0527, 0.2902, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9111, 0.2578, 0.2669 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(151, 178, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 178, 226)  
}
```

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(151, 178, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 178, 226) }
```

Border

The CSS property to change the border of an element to Yxy 43.9111, 0.2578, 0.2669 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(151, 178, 226) }
```

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

```
.border{ border-color:rgb(151, 178, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 178, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 178, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 178, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 178,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9111, 0.2578, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 178, 226) }
```

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

```
.background{ background-color: rgb(151,  
178, 226) }
```

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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