

Converting Colors

$Y_{xy}(44.0209, 0.2594, 0.2653)$

Have a look what the booklet for
Yxy(44.0209, 0.2594, 0.2653)
contains.

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Color

Yxy(43.8604, 0.2591, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	9AB1E3
RGB	154, 177, 227
RGB Percent	60%, 69%, 89%
CMY	0.3959, 0.3059, 0.1099
CMYK	0.32, 0.22, 0.00, 0.11
HSL	221°, 57%, 75%
HSV	221°, 32%, 89%
XYZ	42.9163, 43.8604, 78.8593
YIQ	175.8230, -29.7580, 10.6740

Conversions

Conversions Part 2

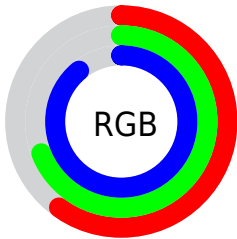
Format	Color
RYB	154, 171, 227
Decimal	10138083
CIELab	72.14, 3.69, -27.65
CIElCh	72, 27.898, 277.611
Yxy	43.8604, 0.2591, 0.2648
Android (android.graphics.Color)	4288328163 (0xFF9AB1E3)
YUV	175.8230, 25.2303, -19.1388
Hunter-Lab	66.2272, -0.2267, -24.2399

Details

The Yxy color $43.8604, 0.2591, 0.2648$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $61.8565, 0.3685, 0.3857$, and the grayscale version is $43.2008, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1995, 0.2848, 0.3058$, and $20.3742, 0.2450, 0.2490$ is the 20% darker color. If you saturate the color by 10%, you get $36.0428, 0.2409, 0.2405$, and if you desaturate by 10%, it is $52.8029, 0.2768, 0.2872$.

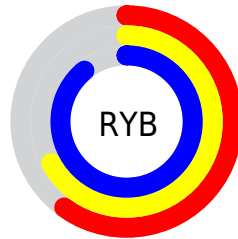
Distribution



Red (60%)

Green (69%)

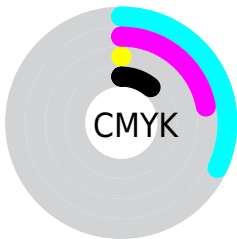
Blue (89%)



Red (60%)

Yellow (67%)

Blue (89%)

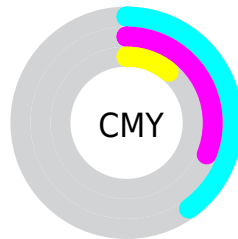


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8604, 0.2591, 0.2648 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 43.8604, 0.2591, 0.2648 by changing the saturation by 10% instead.

■ 43.8604, 0.2591,
0.2648

■ 43.8604, 0.2591,
0.2648

362.1383, 0.2858,
0.2963

■ 30.5608, 0.2526,
0.2572

■ 81.0076, 0.2687,
0.2761

■ 20.2646, 0.2443,
0.2475

■ 105.6240, 0.2723,
0.2804

■ 12.5875, 0.2334,
0.2350

134.7815, 0.2754,
0.2840

■ 7.1452, 0.2187,
0.2182

168.8644, 0.2781,
0.2872

■ 3.5530, 0.1978,
0.1947

208.2571, 0.2804,
0.2899

■ 1.4268, 0.1663,
0.1599

253.3441, 0.2824,

■ 0.2364, 0.0944,

0.2923

0.0709

304.5097, 0.2842,
0.2945

0.0000, 0.0000,
0.0000

43.8604, 0.2591,
0.2648

43.8604, 0.2591,
0.2648

36.0428, 0.2409,
0.2405

52.8029, 0.2768,
0.2872

29.2976, 0.2228,
0.2148

62.9093, 0.2937,
0.3074

23.5759, 0.2055,
0.1884

74.2230, 0.3095,
0.3254

18.8220, 0.1900,
0.1623

86.7837, 0.3241,
0.3414

14.9745, 0.1769,
0.1377

98.1747, 0.3292,
0.3560

■ 11.9626, 0.1671,
0.1158

■ 98.3248, 0.3292,
0.3562

■ 10.1077, 0.1614,
0.1011

Harmonies

Analogous

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



43.8604, 0.2414, 0.2766



43.8604, 0.2591, 0.2648



43.8604, 0.2914, 0.2688

Triad

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



43.8604, 0.2591, 0.2648



43.8604, 0.3899, 0.3462



43.8604, 0.2909, 0.3780

Complementary

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



43.8604, 0.2591, 0.2648



61.8565, 0.3685, 0.3857

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.



43.8604, 0.3303, 0.3988



43.8604, 0.2591, 0.2648



43.8604, 0.3888, 0.3766

Square

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



43.8604, 0.2591, 0.2648



43.8604, 0.3685, 0.3140



43.8604, 0.3664, 0.3970



43.8604, 0.2588, 0.3415

Rectangle

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



43.8604, 0.2591, 0.2648



43.8604, 0.3179, 0.2792



43.8604, 0.3664, 0.3970



43.8604, 0.3037, 0.3872

Sweetspot

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



43.8621, 0.2591, 0.2648



84.8340, 0.2971, 0.3113



66.1532, 0.2795, 0.3577



17.7295, 0.2948, 0.3086



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.



43.8621, 0.2591, 0.2648



49.7212, 0.2462, 0.2477



36.9298, 0.2657, 0.2368



14.6237, 0.2981, 0.3124



6.0807, 0.1621, 0.1037



0.6112, 0.1702, 0.1328

Inverse Universe

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



42.6259, 0.3631, 0.3025



48.4677, 0.3793, 0.2965



71.4966, 0.3509, 0.4119



14.4424, 0.3243, 0.3216



9.8116, 0.5703, 0.2916



0.7414, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 43.8604, 0.2591, 0.2648 looks on a white background.

Color Contrast Check

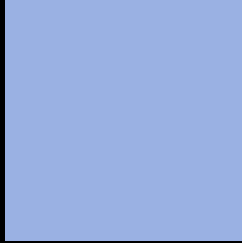
Large Text (above 18pt) WCAG AA × Fail

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 43.8604, 0.2591, 0.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

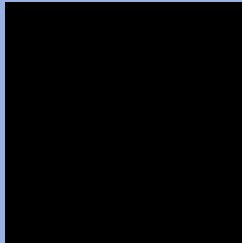
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8604, 0.2591, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 43.8604, 0.2591, 0.2648.



This preview shows how white text looks on a background with the Yxy color 43.8604, 0.2591, 0.2648.

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

43.8604, 0.2591, 0.2648

Protanopia

43.9887, 0.2671, 0.2656

Deuteranopia

43.5956, 0.2663, 0.2599



Tritanopia

43.6902, 0.2740, 0.3082

Trichromacy



Original Color

43.8604, 0.2591, 0.2648

Protanomaly

44.0152, 0.2637, 0.2653

Deuteranomaly

43.5549, 0.2636, 0.2607

Tritanomaly

43.6806, 0.2687, 0.2913

Monochromacy



Original Color

43.8604, 0.2591, 0.2648

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3156, 0.2911, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8604, 0.2591, 0.2648 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(154, 177, 227)` looks like.

```
.text, #text, p{  
    color:rgb(154, 177, 227)  
}
```

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(154, 177, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 177, 227) }
```

Border

The CSS property to change the border of an element to Yxy 43.8604, 0.2591, 0.2648 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(154, 177, 227) }
```

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

```
.border{ border-color:rgb(154, 177, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 177, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 177, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 177, 227);  
box-shadow:4px 4px 4px 4px rgb(154, 177,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8604, 0.2591, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 177, 227) }
```

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

```
.background{ background-color: rgb(154,  
177, 227) }
```

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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