

Converting Colors

$Yxy(43.7647, 0.2598, 0.2682)$

Have a look what the booklet for
Yxy(43.7647, 0.2598, 0.2682)
contains.

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Color

Yxy(43.5984, 0.2602, 0.2681)

Conversions

Conversions Part 1

Format	Color
Hex	99B1E0
RGB	153, 177, 224
RGB Percent	60%, 69%, 88%
CMY	0.4000, 0.3059, 0.1216
CMYK	0.32, 0.21, 0.00, 0.12
HSL	220°, 53%, 74%
HSV	220°, 32%, 88%
XYZ	42.3137, 43.5984, 76.7078
YIQ	175.1820, -29.3910, 9.5290

Conversions

Conversions Part 2

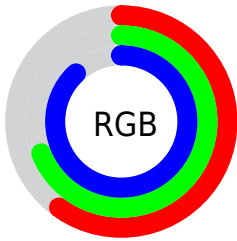
Format	Color
R_{YB}	153, 171, 224
Decimal	10072544
CIE _{Lab}	71.96, 2.65, -26.31
CIE _{LCh}	72, 26.439, 275.751
Yxy	43.5984, 0.2602, 0.2681
Android (android.graphics.Color)	4288262624 (0xFF99B1E0)
YUV	175.1820, 24.0673, -19.4536
Hunter-Lab	66.0291, -1.1620, -22.6585

Details

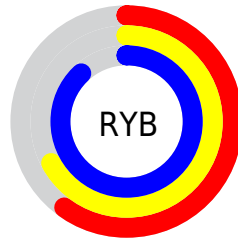
The Yxy color **43.5984, 0.2602, 0.2681** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.4576, 0.3682, 0.3831**, and the grayscale version is **42.8544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0531, 0.2842, 0.3058**, and **20.2411, 0.2457, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **36.0779, 0.2423, 0.2448**, and if you desaturate by 10%, it is **52.1680, 0.2777, 0.2896**.

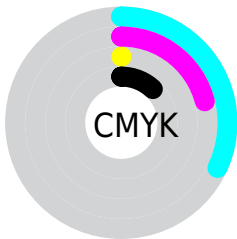
Distribution



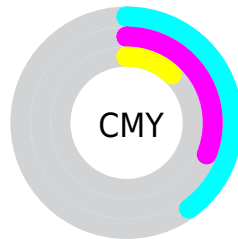
- Red (60%)
- Green (69%)
- Blue (88%)



- Red (60%)
- Yellow (67%)
- Blue (88%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (31%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5984, 0.2602, 0.2681 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 43.5984, 0.2602, 0.2681 by changing the saturation by 10% instead.

■ 43.5984, 0.2602,
0.2681

■ 43.5984, 0.2602,
0.2681

361.0669, 0.2863,
0.2982

■ 30.3549, 0.2538,
0.2608

■ 80.6131, 0.2696,
0.2789

■ 20.1081, 0.2456,
0.2515

■ 105.1531, 0.2732,
0.2830

■ 12.4737, 0.2349,
0.2395

134.2274, 0.2762,
0.2865

■ 7.0671, 0.2204,
0.2232

168.2203, 0.2788,
0.2895

■ 3.5041, 0.1996,
0.2001

207.5164, 0.2811,
0.2921

■ 1.4002, 0.1681,
0.1657

252.4999, 0.2830,

■ 0.2169, 0.0890,

0.2943

0.0712

303.5553, 0.2848,
0.2964

0.0000, 0.0000,
0.0000

43.5984, 0.2602,
0.2681

43.5984, 0.2602,
0.2681

36.0779, 0.2423,
0.2448

52.1680, 0.2777,
0.2896

29.5583, 0.2244,
0.2200

61.8220, 0.2945,
0.3090

23.9945, 0.2074,
0.1945

72.6004, 0.3102,
0.3263

19.3360, 0.1921,
0.1690

84.5394, 0.3247,
0.3416

15.5265, 0.1791,
0.1448

95.7267, 0.3314,
0.3555

■ 12.5015, 0.1691,
0.1229

■ 98.1620, 0.3309,
0.3591

■ 10.5125, 0.1631,
0.1070

Harmonies

Analogous

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



43.5984, 0.2443, 0.2804



43.5984, 0.2602, 0.2681



43.5984, 0.2903, 0.2709

Triad

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



43.5984, 0.2602, 0.2681



43.5984, 0.3853, 0.3436



43.5984, 0.2943, 0.3771

Complementary

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



43.5984, 0.2602, 0.2681



59.4576, 0.3682, 0.3831

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.



43.5984, 0.3319, 0.3956



43.5984, 0.2602, 0.2681



43.5984, 0.3857, 0.3728

Square

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



43.5984, 0.2602, 0.2681



43.5984, 0.3638, 0.3130



43.5984, 0.3656, 0.3928



43.5984, 0.2630, 0.3433

Rectangle

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



43.5984, 0.2602, 0.2681



43.5984, 0.3153, 0.2804



43.5984, 0.3656, 0.3928



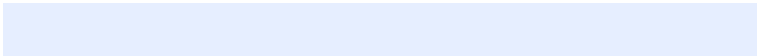
43.5984, 0.3066, 0.3855

Sweetspot

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



43.6001, 0.2602, 0.2681



85.1793, 0.2971, 0.3119



64.2163, 0.2812, 0.3603



17.8127, 0.2948, 0.3093



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.



43.6001, 0.2602, 0.2681



51.6979, 0.2484, 0.2530



36.0209, 0.2646, 0.2378



13.9968, 0.2981, 0.3130



6.3098, 0.1638, 0.1097



0.5990, 0.1725, 0.1408

Inverse Universe

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



41.8056, 0.3605, 0.3010



49.5031, 0.3746, 0.2950



69.8121, 0.3522, 0.4101



13.7766, 0.3239, 0.3211



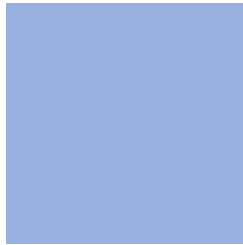
9.5450, 0.5614, 0.2866



0.6779, 0.5181, 0.2628

Previews

White Background



This preview shows how the Yxy color 43.5984, 0.2602, 0.2681 looks on a white background.

Color Contrast Check

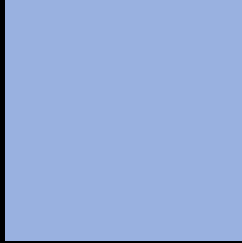
Large Text (above 18pt) WCAG AA × Fail

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 43.5984, 0.2602, 0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

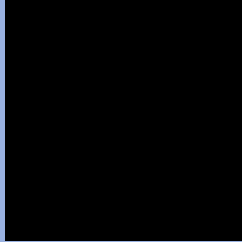
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

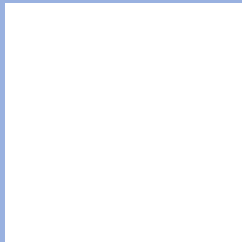
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5984, 0.2602, 0.2681

Background



This preview shows how black text looks on a background with the Yxy color 43.5984, 0.2602, 0.2681.



This preview shows how white text looks on a background with the Yxy color 43.5984, 0.2602, 0.2681.

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

43.5984, 0.2602, 0.2681

Protanopia

43.4385, 0.2689, 0.2677

Deuteranopia

43.5389, 0.2690, 0.2634



Tritanopia

43.6445, 0.2747, 0.3096

Trichromacy



Original Color

43.5984, 0.2602, 0.2681

Protanomaly

43.4612, 0.2655, 0.2674

Deuteranomaly

43.3897, 0.2655, 0.2640

Tritanomaly

43.4883, 0.2692, 0.2938

Monochromacy



Original Color

43.5984, 0.2602, 0.2681

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1164, 0.2918, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5984, 0.2602, 0.2681 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(153, 177, 224)` looks like.

```
.text, #text, p{  
    color:rgb(153, 177, 224)  
}
```

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(153, 177, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 177, 224) }
```

Border

The CSS property to change the border of an element to Yxy 43.5984, 0.2602, 0.2681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

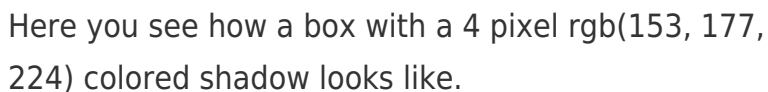
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 177, 224) }
```

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

```
.border{ border-color:rgb(153, 177, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 177, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 177, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 177, 224); box-shadow:4px 4px 4px 4px rgb(153, 177, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5984, 0.2602, 0.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 177, 224) }
```

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

```
.background{ background-color: rgb(153,  
177, 224) }
```

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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