

Converting Colors

$Yxy(42.4383, 0.2603, 0.2766)$

Have a look what the booklet for
Yxy(42.4383, 0.2603, 0.2766)
contains.

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Color

Yxy(42.5131, 0.2603, 0.2769)

Conversions

Conversions Part 1

Format	Color
Hex	92B1D8
RGB	146, 177, 216
RGB Percent	57%, 69%, 85%
CMY	0.4276, 0.3058, 0.1530
CMYK	0.32, 0.18, 0.00, 0.15
HSL	213°, 47%, 71%
HSV	213°, 32%, 85%
XYZ	39.9645, 42.5131, 71.0548
YIQ	172.1770, -30.9950, 5.5570

Conversions

Conversions Part 2

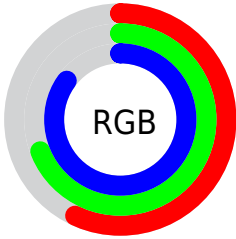
Format	Color
RYB	146, 167, 216
Decimal	9613784
CIELab	71.22, -1.38, -23.09
CIElCh	71, 23.133, 266.583
Yxy	42.5131, 0.2603, 0.2769
Android (android.graphics.Color)	4287803864 (0xFF92B1D8)
YUV	172.1770, 21.6047, -22.9572
Hunter-Lab	65.2021, -4.6952, -18.9706

Details

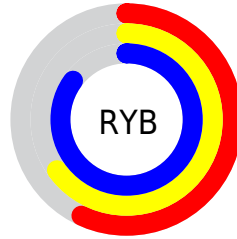
The Yxy color **42.5131, 0.2603, 0.2769** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.3434, 0.3722, 0.3759**, and the grayscale version is **41.2471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9153, 0.2794, 0.3055**, and **19.5676, 0.2458, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **36.1771, 0.2435, 0.2574**, and if you desaturate by 10%, it is **49.6447, 0.2771, 0.2948**.

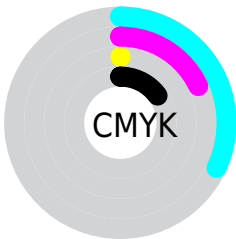
Distribution



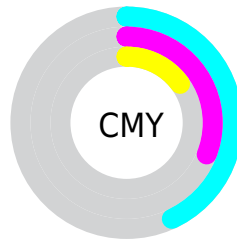
- Red (57%)
- Green (69%)
- Blue (85%)



- Red (57%)
- Yellow (65%)
- Blue (85%)



- Cyan (32%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (43%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5131, 0.2603, 0.2769 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 42.5131, 0.2603, 0.2769 by changing the saturation by 10% instead.

■ 42.5131, 0.2603,
0.2769

■ 42.5131, 0.2603,
0.2769

356.6055, 0.2865,
0.3030

■ 29.5033, 0.2538,
0.2704

■ 78.9756, 0.2698,
0.2864

■ 19.4619, 0.2456,
0.2621

■ 103.1970, 0.2733,
0.2899

■ 12.0045, 0.2348,
0.2512

131.9245, 0.2763,
0.2930

■ 6.7467, 0.2199,
0.2362

165.5423, 0.2789,
0.2955

■ 3.3042, 0.1986,
0.2144

204.4350, 0.2812,
0.2978

■ 1.2925, 0.1658,
0.1807

248.9868, 0.2832,

■ 0.1354, 0.0426,

0.2997

0.0607

299.5822, 0.2849,
0.3015

0.0000, 0.0000,
0.0000

42.5131, 0.2603,
0.2769

42.5131, 0.2603,
0.2769

36.1771, 0.2435,
0.2574

49.6447, 0.2771,
0.2948

30.5999, 0.2270,
0.2367

57.5967, 0.2934,
0.3111

25.7487, 0.2116,
0.2152

66.3990, 0.3091,
0.3257

21.5859, 0.1977,
0.1934

76.0780, 0.3238,
0.3387

18.0693, 0.1861,
0.1720

86.6592, 0.3376,
0.3501

■ 15.1502, 0.1770,
0.1519

■ 94.0571, 0.3366,
0.3616

■ 13.2809, 0.1716,
0.1377

■ 97.7371, 0.3358,
0.3671

Harmonies

Analogous

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



42.5131, 0.2505, 0.2923



42.5131, 0.2603, 0.2769



42.5131, 0.2838, 0.2752

Triad

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



42.5131, 0.2603, 0.2769



42.5131, 0.3726, 0.3339



42.5131, 0.3066, 0.3779

Complementary

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



42.5131, 0.2603, 0.2769



51.3434, 0.3722, 0.3759

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.



42.5131, 0.3398, 0.3887



42.5131, 0.2603, 0.2769



42.5131, 0.3790, 0.3608

Square

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



42.5131, 0.2603, 0.2769



42.5131, 0.3491, 0.3072



42.5131, 0.3666, 0.3815



42.5131, 0.2762, 0.3515

Rectangle

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



42.5131, 0.2603, 0.2769



42.5131, 0.3048, 0.2812



42.5131, 0.3666, 0.3815



42.5131, 0.3178, 0.3835

Sweetspot

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



42.5148, 0.2603, 0.2769



86.7567, 0.2971, 0.3147



58.6931, 0.2848, 0.3706



18.1931, 0.2949, 0.3125



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.



42.5148, 0.2603, 0.2769



55.3883, 0.2486, 0.2635



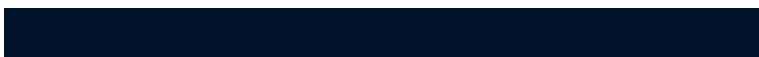
31.9383, 0.2578, 0.2342



12.9060, 0.2982, 0.3157



8.0699, 0.1724, 0.1404



0.6503, 0.1817, 0.1739

Inverse Universe

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



38.3192, 0.3541, 0.2916



49.0398, 0.3666, 0.2834



65.2478, 0.3586, 0.4102



12.5114, 0.3222, 0.3187



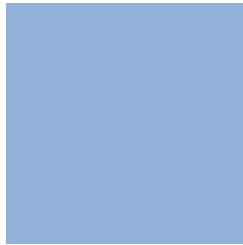
9.1595, 0.5185, 0.2630



0.5690, 0.4758, 0.2395

Previews

White Background



This preview shows how the Yxy color 42.5131, 0.2603, 0.2769 looks on a white background.

Color Contrast Check

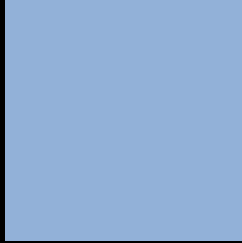
Large Text (above 18pt) WCAG AA × Fail

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 42.5131, 0.2603, 0.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

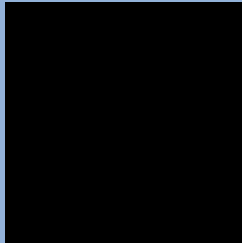
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

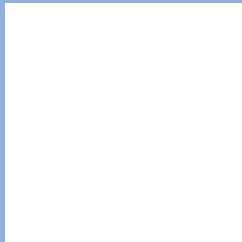
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5131, 0.2603, 0.2769

Background



This preview shows how black text looks on a background with the Yxy color 42.5131, 0.2603, 0.2769.



This preview shows how white text looks on a background with the Yxy color 42.5131, 0.2603, 0.2769.

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

42.5131, 0.2603, 0.2769

Protanopia

42.3085, 0.2755, 0.2757

Deuteranopia

42.5706, 0.2757, 0.2701



Tritanopia

42.6506, 0.2709, 0.3093

Trichromacy



Original Color

42.5131, 0.2603, 0.2769

Protanomaly

42.3962, 0.2697, 0.2764

Deuteranomaly

42.4740, 0.2698, 0.2718

Tritanomaly

42.7940, 0.2669, 0.2973

Monochromacy



Original Color

42.5131, 0.2603, 0.2769

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.6895, 0.2922, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5131, 0.2603, 0.2769 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(146, 177, 216)` looks like.

```
.text, #text, p{  
    color:rgb(146, 177, 216)  
}
```

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(146, 177, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 177, 216) }
```

Border

The CSS property to change the border of an element to Yxy 42.5131, 0.2603, 0.2769 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(146, 177, 216) }
```

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

```
.border{ border-color:rgb(146, 177, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 177, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 177, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 177, 216);  
box-shadow:4px 4px 4px 4px rgb(146, 177,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5131, 0.2603, 0.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 177, 216) }
```

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

```
.background{ background-color: rgb(146,  
177, 216) }
```

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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