

Converting Colors

$Yxy(44.6003, 0.2647, 0.2624)$

Have a look what the booklet for
Yxy(44.6003, 0.2647, 0.2624)
contains.

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Color

Yxy(44.6003, 0.2647, 0.2624)

Conversions

Conversions Part 1

Format	Color
Hex	A4B0E5
RGB	164, 176, 229
RGB Percent	64%, 69%, 90%
CMY	0.3566, 0.3099, 0.1019
CMYK	0.28, 0.23, 0.00, 0.10
HSL	229°, 56%, 77%
HSV	229°, 28%, 90%
XYZ	44.9912, 44.6003, 80.3791
YIQ	178.4540, -24.1650, 13.9390

Conversions

Conversions Part 2

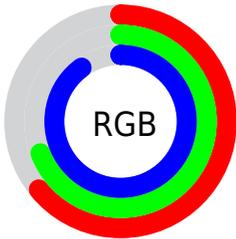
Format	Color
RYB	164, 174, 229
Decimal	10793189
CIELab	72.63, 7.66, -27.95
CIELCh	73, 28.978, 285.319
Yxy	44.6003, 0.2647, 0.2624
Android (android.graphics.Color)	4288983269 (0xFFA4B0E5)
YUV	178.4540, 24.9192, -12.6762
Hunter-Lab	66.7835, 3.3823, -24.6117

Details

The Yxy color **44.6003, 0.2647, 0.2624** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **69.0287, 0.3588, 0.3878**, and the grayscale version is **44.6559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5875, 0.2910, 0.3041**, and **20.8119, 0.2520, 0.2462** is the 20% darker color. If you saturate the color by 10%, you get **35.5441, 0.2454, 0.2341**, and if you desaturate by 10%, it is **55.1093, 0.2830, 0.2884**.

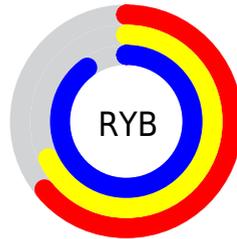
Distribution



Red (64%)

Green (69%)

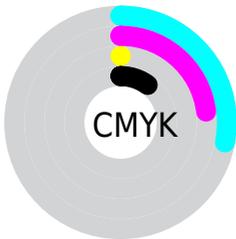
Blue (90%)



Red (64%)

Yellow (68%)

Blue (90%)

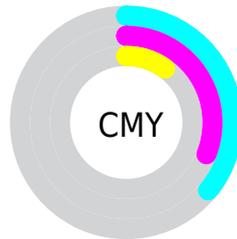


Cyan (28%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (36%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6003, 0.2647, 0.2624 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 44.6003, 0.2647, 0.2624 by changing the saturation by 10% instead.

■ 44.6003, 0.2647,
0.2624

■ 44.6003, 0.2647,
0.2624

■ 365.1523, 0.2886,
0.2948

■ 31.1427, 0.2588,
0.2546

■ 82.1203, 0.2733,
0.2739

■ 20.7075, 0.2513,
0.2449

■ 106.9515, 0.2766,
0.2783

■ 12.9104, 0.2415,
0.2323

■ 136.3427, 0.2794,
0.2821

■ 7.3669, 0.2281,
0.2155

■ 170.6783, 0.2818,
0.2853

■ 3.6926, 0.2091,
0.1922

■ 210.3426, 0.2838,
0.2882

■ 1.5031, 0.1801,
0.1582

■ 255.7202, 0.2856,

■ 0.2909, 0.1251,

0.2906

0.0785

307.1953, 0.2872,
0.2928

0.0000, 0.0000,
0.0000

44.6003, 0.2647,
0.2624

44.6003, 0.2647,
0.2624

35.5441, 0.2454,
0.2341

55.1093, 0.2830,
0.2884

27.8709, 0.2257,
0.2040

67.1264, 0.2998,
0.3116

21.5127, 0.2064,
0.1734

80.7102, 0.3151,
0.3322

16.3937, 0.1887,
0.1437

95.7850, 0.3284,
0.3502

12.4299, 0.1737,
0.1167

98.4382, 0.3280,
0.3542

■ 9.5263, 0.1624,
0.0943

■ 7.5635, 0.1552,
0.0776

■ 7.3128, 0.1543,
0.0754

Harmonies

Analogous

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



44.6003, 0.2423, 0.2702



44.6003, 0.2647, 0.2624



44.6003, 0.3009, 0.2704

Triad

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



44.6003, 0.2647, 0.2624



44.6003, 0.3945, 0.3551



44.6003, 0.2805, 0.3710

Complementary

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



44.6003, 0.2647, 0.2624



69.0287, 0.3588, 0.3878

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.



44.6003, 0.3202, 0.3978



44.6003, 0.2647, 0.2624



44.6003, 0.3872, 0.3847

Square

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



44.6003, 0.2647, 0.2624



44.6003, 0.3780, 0.3218



44.6003, 0.3594, 0.4019



44.6003, 0.2508, 0.3314

Rectangle

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



44.6003, 0.2647, 0.2624



44.6003, 0.3289, 0.2833



44.6003, 0.3594, 0.4019



44.6003, 0.2931, 0.3821

Sweetspot

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



44.6021, 0.2647, 0.2624



84.5232, 0.2987, 0.3101



68.9653, 0.2781, 0.3432



17.5891, 0.2963, 0.3068



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.



44.6021, 0.2647, 0.2624



49.9391, 0.2535, 0.2461



42.5062, 0.2790, 0.2505



14.3123, 0.2980, 0.3092



4.3068, 0.1548, 0.0773



0.4420, 0.1618, 0.1023

Inverse Universe

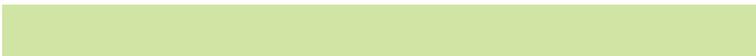
The Inverse Universe completely reimagines the original color for something new.



46.3732, 0.3635, 0.3154



52.8450, 0.3783, 0.3125



72.2078, 0.3401, 0.4035



14.4109, 0.3264, 0.3247



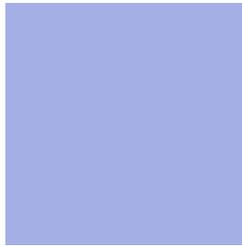
9.6325, 0.6112, 0.3141



0.7243, 0.5725, 0.2927

Previews

White Background



This preview shows how the Yxy color 44.6003, 0.2647, 0.2624 looks on a white background.

Color Contrast Check

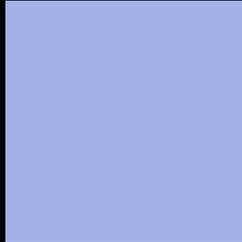
Large Text (above 18pt) WCAG AA × Fail

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 44.6003, 0.2647, 0.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

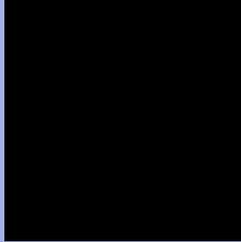
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

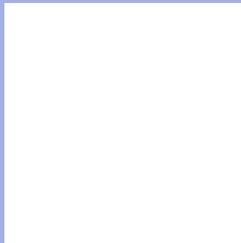
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6003, 0.2647, 0.2624

Background



This preview shows how black text looks on a background with the Yxy color 44.6003, 0.2647, 0.2624.



This preview shows how white text looks on a background with the Yxy color 44.6003, 0.2647, 0.2624.

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

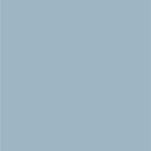
44.6003, 0.2647, 0.2624

Protanopia

44.6003, 0.2647, 0.2624

Deuteranopia

44.6419, 0.2674, 0.2617



Tritanopia

44.6095, 0.2821, 0.3100

Trichromacy



Original Color

44.6003, 0.2647, 0.2624

Protanomaly

44.6003, 0.2647, 0.2624

Deuteranomaly

44.5326, 0.2667, 0.2615

Tritanomaly

44.6702, 0.2759, 0.2921

Monochromacy



Original Color

44.6003, 0.2647, 0.2624

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3597, 0.2937, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6003, 0.2647, 0.2624 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(164, 176, 229)` looks like.

```
.text, #text, p{  
    color:rgb(164, 176, 229)  
}
```

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(164, 176, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 176, 229) }
```

Border

The CSS property to change the border of an element to Yxy 44.6003, 0.2647, 0.2624 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(164, 176, 229) }
```

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

```
.border{ border-color:rgb(164, 176, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 176, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 176, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 176, 229);  
box-shadow:4px 4px 4px 4px rgb(164, 176,  
229) }
```

Background

The CSS property to change the background color of an element to Yxy 44.6003, 0.2647, 0.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 176, 229) }
```

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

```
.background{ background-color: rgb(164,  
176, 229) }
```

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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