

Converting Colors

$Yxy(44.7474, 0.2612, 0.2800)$

Have a look what the booklet for
Yxy(44.7474, 0.2612, 0.2800)
contains.

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Color

Yxy(44.9599, 0.2613, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	95B6DB
RGB	149, 182, 219
RGB Percent	58%, 71%, 86%
CMY	0.4160, 0.2862, 0.1412
CMYK	0.32, 0.17, 0.00, 0.14
HSL	212°, 49%, 72%
HSV	212°, 32%, 86%
XYZ	41.8974, 44.9599, 73.4847
YIQ	176.3510, -31.5450, 4.5110

Conversions

Conversions Part 2

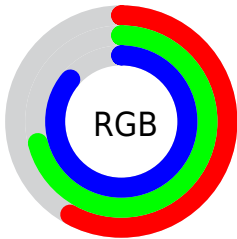
Format	Color
RYB	149, 171, 219
Decimal	9811675
CIELab	72.87, -2.51, -22.22
CIElCh	73, 22.357, 263.545
Yxy	44.9599, 0.2613, 0.2804
Android (android.graphics.Color)	4288001755 (0xFF95B6DB)
YUV	176.3510, 21.0260, -23.9868
Hunter-Lab	67.0521, -5.8060, -18.0414

Details

The Yxy color **44.9599, 0.2613, 0.2804** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.3022, 0.3721, 0.3730**, and the grayscale version is **43.5031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3482, 0.2821, 0.3110**, and **20.8676, 0.2472, 0.2663** is the 20% darker color. If you saturate the color by 10%, you get **38.5529, 0.2447, 0.2621**, and if you desaturate by 10%, it is **52.1483, 0.2779, 0.2973**.

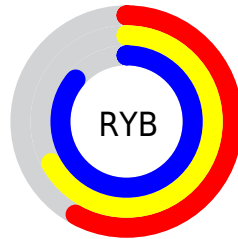
Distribution



Red (58%)

Green (71%)

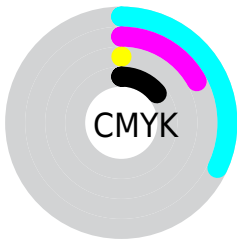
Blue (86%)



Red (58%)

Yellow (67%)

Blue (86%)

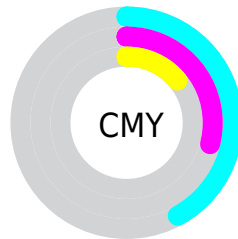


Cyan (32%)

Magenta (17%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (29%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9599, 0.2613, 0.2804 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 44.9599, 0.2613, 0.2804 by changing the saturation by 10% instead.

■ 44.9599, 0.2613,
0.2804

■ 44.9599, 0.2613,
0.2804

■ 366.6111, 0.2867,
0.3046

■ 31.4258, 0.2551,
0.2744

■ 82.6602, 0.2704,
0.2892

■ 20.9233, 0.2472,
0.2668

■ 107.5953, 0.2739,
0.2925

■ 13.0680, 0.2369,
0.2568

■ 137.0995, 0.2768,
0.2953

■ 7.4754, 0.2229,
0.2431

■ 171.5572, 0.2794,
0.2977

■ 3.7611, 0.2028,
0.2233

■ 211.3528, 0.2816,
0.2998

■ 1.5409, 0.1723,
0.1927

■ 256.8708, 0.2835,

■ 0.3172, 0.0861,

0.3016

0.1137

308.4954, 0.2852,
0.3032

0.0000, 0.0000,
0.0000

44.9599, 0.2613,
0.2804

44.9599, 0.2613,
0.2804

38.5529, 0.2447,
0.2621

52.1483, 0.2779,
0.2973

32.8907, 0.2286,
0.2425

60.1419, 0.2941,
0.3127

27.9417, 0.2135,
0.2221

68.9699, 0.3097,
0.3264

23.6687, 0.2000,
0.2014

78.6582, 0.3245,
0.3387

20.0305, 0.1886,
0.1810

88.5769, 0.3360,
0.3497

■ 16.9792, 0.1797,
0.1614

■ 95.5911, 0.3344,
0.3607

■ 14.9027, 0.1741,
0.1468

■ 97.8943, 0.3340,
0.3641

Harmonies

Analogous

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



44.9599, 0.2534, 0.2964



44.9599, 0.2613, 0.2804



44.9599, 0.2825, 0.2774

Triad

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



44.9599, 0.2613, 0.2804



44.9599, 0.3679, 0.3311



44.9599, 0.3102, 0.3770

Complementary

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



44.9599, 0.2613, 0.2804



52.3022, 0.3721, 0.3730

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.



44.9599, 0.3415, 0.3856



44.9599, 0.2613, 0.2804



44.9599, 0.3758, 0.3569

Square

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



44.9599, 0.2613, 0.2804



44.9599, 0.3443, 0.3059



44.9599, 0.3658, 0.3774



44.9599, 0.2807, 0.3533

Rectangle

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



44.9599, 0.2613, 0.2804



44.9599, 0.3020, 0.2823



44.9599, 0.3658, 0.3774



44.9599, 0.3209, 0.3818

Sweetspot

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



44.9617, 0.2613, 0.2804



87.1939, 0.2971, 0.3154



60.5520, 0.2865, 0.3732



18.2987, 0.2949, 0.3134



0.0000, 0.0000, 0.0000



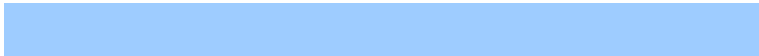
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.9617, 0.2613, 0.2804



57.6230, 0.2508, 0.2689



33.0779, 0.2567, 0.2351



13.6264, 0.2982, 0.3163



9.0527, 0.1749, 0.1495



0.7581, 0.1834, 0.1801

Inverse Universe

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



39.9087, 0.3514, 0.2898



50.1012, 0.3620, 0.2818



67.7079, 0.3599, 0.4087



13.1534, 0.3218, 0.3180



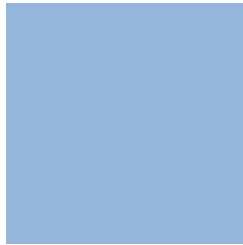
9.5376, 0.5066, 0.2565



0.6352, 0.4685, 0.2354

Previews

White Background



This preview shows how the Yxy color 44.9599, 0.2613, 0.2804 looks on a white background.

Color Contrast Check

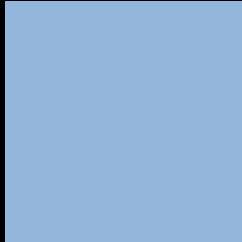
Large Text (above 18pt) WCAG AA × Fail

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 44.9599, 0.2613, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

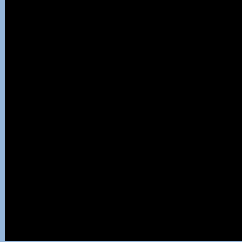
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

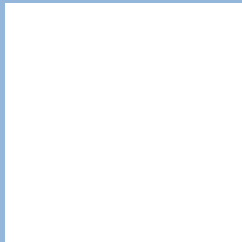
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9599, 0.2613, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 44.9599, 0.2613, 0.2804.

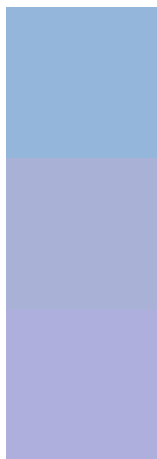


This preview shows how white text looks on a background with the Yxy color 44.9599, 0.2613, 0.2804.

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

44.9599, 0.2613, 0.2804

Protanopia

44.8966, 0.2784, 0.2805

Deuteranopia

44.8791, 0.2772, 0.2714



Tritanopia

44.8878, 0.2710, 0.3084

Trichromacy



Original Color

44.9599, 0.2613, 0.2804

Protanomaly

44.8794, 0.2720, 0.2811

Deuteranomaly

45.0074, 0.2714, 0.2754

Tritanomaly

44.8970, 0.2671, 0.2979

Monochromacy



Original Color

44.9599, 0.2613, 0.2804

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7536, 0.2918, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9599, 0.2613, 0.2804 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(149, 182, 219)` looks like.

```
.text, #text, p{  
    color:rgb(149, 182, 219)  
}
```

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(149, 182, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 182, 219) }
```

Border

The CSS property to change the border of an element to Yxy 44.9599, 0.2613, 0.2804 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(149, 182, 219) }
```

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

```
.border{ border-color:rgb(149, 182, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 182, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 182, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 182, 219);  
box-shadow:4px 4px 4px 4px rgb(149, 182,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9599, 0.2613, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 182, 219) }
```

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

```
.background{ background-color: rgb(149,  
182, 219) }
```

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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