

Converting Colors

Yxy(44.4365, 0.2498, 0.2863)

Have a look what the booklet for
Yxy(44.4365, 0.2498, 0.2863)
contains.

Yxy(44.2969, 0.2498, 0.2854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.2969, 0.2498, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	80B9D9
RGB	128, 185, 217
RGB Percent	50%, 73%, 85%
CMY	0.4981, 0.2745, 0.1491
CMYK	0.41, 0.15, 0.00, 0.15
HSL	202°, 54%, 68%
HSV	202°, 41%, 85%
XYZ	38.7714, 44.2969, 72.1416
YIQ	171.6050, -44.2440, -2.1320

Conversions

Conversions Part 2

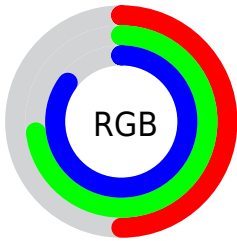
Format	Color
RYB	128, 163, 217
Decimal	8436185
CIELab	72.43, -10.33, -21.90
CIELCh	72, 24.212, 244.743
Yxy	44.2969, 0.2498, 0.2854
Android (android.graphics.Color)	4286626265 (0xFF80B9D9)
YUV	171.6050, 22.3797, -38.2416
Hunter-Lab	66.5559, -12.4896, -17.6767

Details

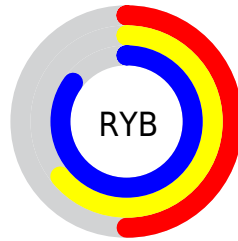
The Yxy color **44.2969, 0.2498, 0.2854** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **41.4349, 0.4005, 0.3682**, and the grayscale version is **40.9455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3209, 0.2705, 0.3137**, and **20.5276, 0.2328, 0.2727** is the 20% darker color. If you saturate the color by 10%, you get **39.6193, 0.2357, 0.2726**, and if you desaturate by 10%, it is **49.5165, 0.2647, 0.2975**.

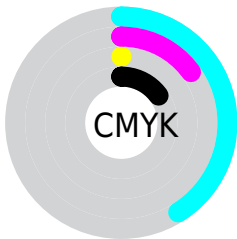
Distribution



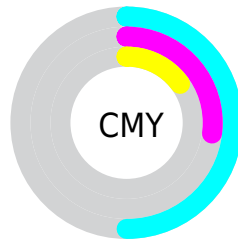
- Red (50%)
- Green (73%)
- Blue (85%)



- Red (50%)
- Yellow (64%)
- Blue (85%)



- Cyan (41%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2969, 0.2498, 0.2854 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 44.2969, 0.2498, 0.2854 by changing the saturation by 10% instead.

■ 44.2969, 0.2498,
0.2854

■ 44.2969, 0.2498,
0.2854

■ 363.9185, 0.2807,
0.3076

■ 30.9040, 0.2423,
0.2798

■ 81.6643, 0.2609,
0.2935

■ 20.5257, 0.2328,
0.2726

■ 106.4076, 0.2651,
0.2966

■ 12.7778, 0.2204,
0.2630

■ 135.7032, 0.2687,
0.2991

■ 7.2757, 0.2037,
0.2496

■ 169.9354, 0.2718,
0.3013

■ 3.6351, 0.1802,
0.2300

■ 209.4886, 0.2745,
0.3032

■ 1.4716, 0.1452,
0.1989

■ 254.7473, 0.2768,

■ 0.2686, 0.0013,

0.3049

0.1131

306.0958, 0.2789,
0.3063

0.0000, 0.0000,
0.0000

44.2969, 0.2498,
0.2854

44.2969, 0.2498,
0.2854

39.6193, 0.2357,
0.2726

49.5165, 0.2647,
0.2975

35.4526, 0.2229,
0.2591

55.2969, 0.2802,
0.3087

31.7698, 0.2117,
0.2453

61.6619, 0.2957,
0.3189

28.5383, 0.2025,
0.2314

68.6324, 0.3112,
0.3281

25.7197, 0.1953,
0.2176

76.2280, 0.3262,
0.3364

■ 23.4825, 0.1904,
0.2055

■ 83.8603, 0.3385,
0.3438

■ 88.3415, 0.3374,
0.3515

■ 93.0199, 0.3362,
0.3589

■ 97.7890, 0.3352,
0.3661

Harmonies

Analogous

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



44.2969, 0.2512, 0.3104



44.2969, 0.2498, 0.2854



44.2969, 0.2640, 0.2734

Triad

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



44.2969, 0.2498, 0.2854



44.2969, 0.3583, 0.3136



44.2969, 0.3315, 0.3896

Complementary

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



44.2969, 0.2498, 0.2854



41.4349, 0.4005, 0.3682

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.



44.2969, 0.3619, 0.3869



44.2969, 0.2498, 0.2854



44.2969, 0.3784, 0.3417

Square

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



44.2969, 0.2498, 0.2854



44.2969, 0.3258, 0.2899



44.2969, 0.3795, 0.3685



44.2969, 0.2972, 0.3734

Rectangle

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



44.2969, 0.2498, 0.2854



44.2969, 0.2810, 0.2733



44.2969, 0.3795, 0.3685



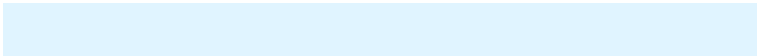
44.2969, 0.3426, 0.3908

Sweetspot

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



44.2986, 0.2498, 0.2854



87.8364, 0.2940, 0.3178



56.7139, 0.2889, 0.4098



18.5339, 0.2920, 0.3165



0.0000, 0.0000, 0.0000



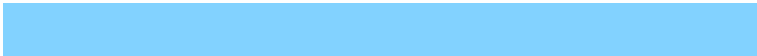
21.4041, 0.3127, 0.3290

Same Dimension

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



44.2986, 0.2498, 0.2854



58.1168, 0.2379, 0.2746



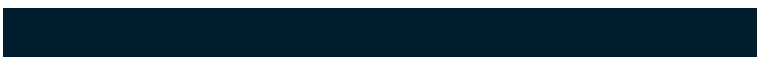
28.7450, 0.2397, 0.2223



14.0016, 0.2982, 0.3204



14.4238, 0.1910, 0.2075



1.0954, 0.1971, 0.2295

Inverse Universe

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



33.6865, 0.3500, 0.2615



41.8971, 0.3609, 0.2484



59.3199, 0.3794, 0.4167



13.1913, 0.3192, 0.3141



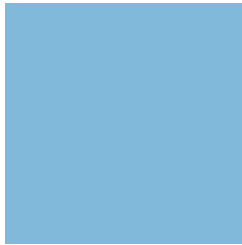
10.0799, 0.4369, 0.2181



0.6693, 0.4131, 0.2049

Previews

White Background



This preview shows how the Yxy color 44.2969, 0.2498, 0.2854 looks on a white background.

Color Contrast Check

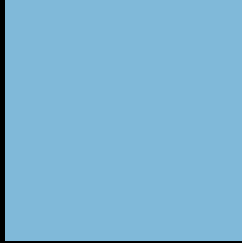
Large Text (above 18pt) WCAG AA × Fail

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 44.2969, 0.2498, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

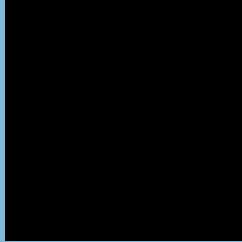
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2969, 0.2498, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 44.2969, 0.2498, 0.2854.



This preview shows how white text looks on a background with the Yxy color 44.2969, 0.2498, 0.2854.

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

44.2969, 0.2498, 0.2854

Protanopia

43.8591, 0.2817, 0.2838

Deuteranopia

43.7723, 0.2768, 0.2708



Tritanopia

44.1375, 0.2559, 0.3063

Trichromacy



Original Color

44.2969, 0.2498, 0.2854

Protanomaly

44.0129, 0.2688, 0.2841

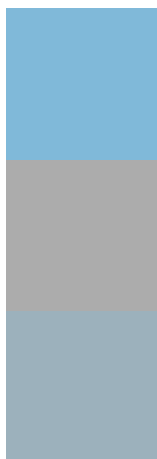
Deuteranomaly

43.5742, 0.2661, 0.2755

Tritanomaly

44.0319, 0.2533, 0.2982

Monochromacy



Original Color

44.2969, 0.2498, 0.2854

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1430, 0.2867, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2969, 0.2498, 0.2854 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(128, 185, 217)` looks like.

```
.text, #text, p{  
    color:rgb(128, 185, 217)  
}
```

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(128, 185, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 185, 217) }
```

Border

The CSS property to change the border of an element to Yxy 44.2969, 0.2498, 0.2854 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(128, 185, 217) }
```

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

```
.border{ border-color:rgb(128, 185, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 185, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 185, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 185, 217);  
box-shadow:4px 4px 4px 4px rgb(128, 185,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2969, 0.2498, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 185, 217) }
```

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

```
.background{ background-color: rgb(128,  
185, 217) }
```

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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