

Converting Colors

$Yxy(43.6109, 0.2449, 0.2931)$

Have a look what the booklet for
Yxy(43.6109, 0.2449, 0.2931)
contains.

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Color

Yxy(43.4487, 0.2449, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	72BAD4
RGB	114, 186, 212
RGB Percent	45%, 73%, 83%
CMY	0.5526, 0.2706, 0.1686
CMYK	0.46, 0.12, 0.00, 0.17
HSL	196°, 53%, 64%
HSV	196°, 46%, 83%
XYZ	36.3905, 43.4487, 68.7542
YIQ	167.4360, -51.2580, -7.1780

Conversions

Conversions Part 2

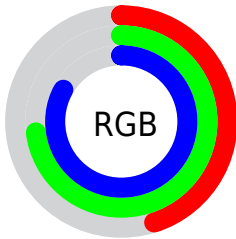
Format	Color
RYB	114, 156, 212
Decimal	7518932
CIELab	71.86, -15.63, -20.10
CIElCh	72, 25.467, 232.130
Yxy	43.4487, 0.2449, 0.2924
Android (android.graphics.Color)	4285709012 (0xFF72BAD4)
YUV	167.4360, 21.9701, -46.8634
Hunter-Lab	65.9156, -16.8066, -15.7023

Details

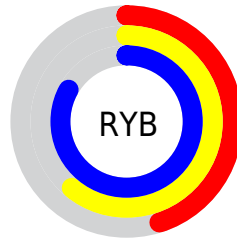
The Yxy color **43.4487, 0.2449, 0.2924** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **34.0007, 0.4211, 0.3617**, and the grayscale version is **38.7875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2703, 0.2633, 0.3145**, and **20.0501, 0.2266, 0.2821** is the 20% darker color. If you saturate the color by 10%, you get **39.8619, 0.2327, 0.2829**, and if you desaturate by 10%, it is **47.4619, 0.2584, 0.3014**.

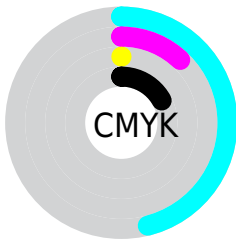
Distribution



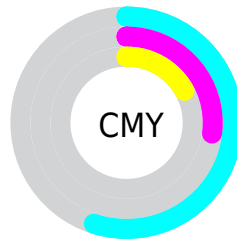
- Red (45%)
- Green (73%)
- Blue (83%)



- Red (45%)
- Yellow (61%)
- Blue (83%)



- Cyan (46%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (55%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4487, 0.2449, 0.2924 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 43.4487, 0.2449, 0.2924 by changing the saturation by 10% instead.

■ 43.4487, 0.2449,
0.2924

■ 43.4487, 0.2449,
0.2924

■ 360.4538, 0.2783,
0.3114

■ 30.2373, 0.2368,
0.2875

■ 80.3875, 0.2569,
0.2995

■ 20.0188, 0.2265,
0.2810

■ 104.8838, 0.2614,
0.3021

■ 12.4087, 0.2132,
0.2724

■ 133.9104, 0.2653,
0.3043

■ 7.0227, 0.1952,
0.2601

■ 167.8519, 0.2686,
0.3061

■ 3.4763, 0.1698,
0.2416

■ 207.0926, 0.2715,
0.3077

■ 1.3852, 0.1321,
0.2113

■ 252.0169, 0.2740,

■ 0.2057, 0.0000,

0.3091

0.1029

303.0091, 0.2763,
0.3104

0.0000, 0.0000,
0.0000

43.4487, 0.2449,
0.2924

43.4487, 0.2449,
0.2924

39.8619, 0.2327,
0.2829

47.4619, 0.2584,
0.3014

36.6724, 0.2220,
0.2731

51.9184, 0.2729,
0.3099

33.8546, 0.2132,
0.2631

56.8400, 0.2879,
0.3177

31.3772, 0.2064,
0.2531

62.2455, 0.3032,
0.3249

29.2009, 0.2015,
0.2433

68.1526, 0.3186,
0.3314

■ 28.4223, 0.1999,
0.2395

■ 74.5778, 0.3337,
0.3372

■ 80.0877, 0.3429,
0.3426

■ 83.1908, 0.3420,
0.3482

■ 86.3954, 0.3411,
0.3537

Harmonies

Analogous

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



43.4487, 0.2534, 0.3233



43.4487, 0.2449, 0.2924



43.4487, 0.2531, 0.2738

Triad

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



43.4487, 0.2449, 0.2924



43.4487, 0.3475, 0.3013



43.4487, 0.3471, 0.3944

Complementary

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



43.4487, 0.2449, 0.2924



34.0007, 0.4211, 0.3617

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.



43.4487, 0.3747, 0.3835



43.4487, 0.2449, 0.2924



43.4487, 0.3755, 0.3296

Square

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



43.4487, 0.2449, 0.2924



43.4487, 0.3108, 0.2800



43.4487, 0.3855, 0.3593



43.4487, 0.3113, 0.3858

Rectangle

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



43.4487, 0.2449, 0.2924



43.4487, 0.2672, 0.2695



43.4487, 0.3855, 0.3593



43.4487, 0.3577, 0.3928

Sweetspot

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



43.4504, 0.2449, 0.2924



87.9439, 0.2910, 0.3193



52.5217, 0.2922, 0.4370



18.4545, 0.2877, 0.3176



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.



43.4504, 0.2449, 0.2924



60.8561, 0.2334, 0.2835



26.6784, 0.2321, 0.2211



13.5236, 0.2982, 0.3227



17.7188, 0.2003, 0.2409



1.2011, 0.2050, 0.2579

Inverse Universe

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



29.5976, 0.3458, 0.2434



38.5129, 0.3550, 0.2280



50.9768, 0.3931, 0.4168



12.5738, 0.3178, 0.3120



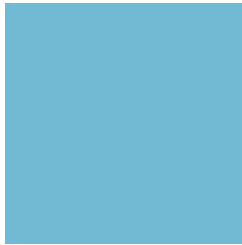
10.1336, 0.4014, 0.1985



0.6246, 0.3844, 0.1891

Previews

White Background



This preview shows how the Yxy color 43.4487, 0.2449, 0.2924 looks on a white background.

Color Contrast Check

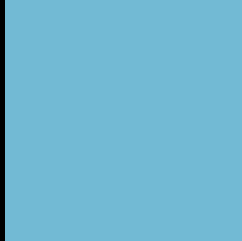
Large Text (above 18pt) WCAG AA × Fail

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 43.4487, 0.2449, 0.2924 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 43.4487, 0.2449, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 43.4487, 0.2449, 0.2924.



This preview shows how white text looks on a background with the Yxy color 43.4487, 0.2449, 0.2924.

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

43.4487, 0.2449, 0.2924

Protanopia

43.1778, 0.2860, 0.2898

Deuteranopia

43.1820, 0.2795, 0.2741



Tritanopia

43.6577, 0.2486, 0.3074

Trichromacy



Original Color

43.4487, 0.2449, 0.2924

Protanomaly

42.8298, 0.2690, 0.2898

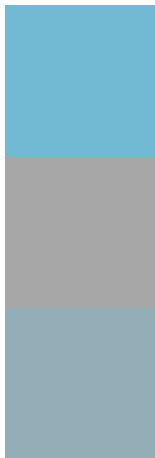
Deuteranomaly

42.8786, 0.2651, 0.2798

Tritanomaly

43.4416, 0.2473, 0.3018

Monochromacy



Original Color

43.4487, 0.2449, 0.2924

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.9869, 0.2837, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4487, 0.2449, 0.2924 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(114, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(114, 186, 212)  
}
```

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(114, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 186, 212) }
```

Border

The CSS property to change the border of an element to Yxy 43.4487, 0.2449, 0.2924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

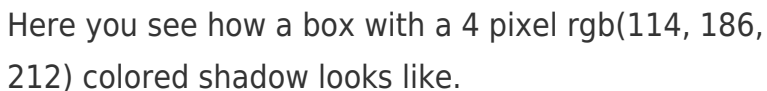
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 186, 212) }
```

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

```
.border{ border-color:rgb(114, 186, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(114, 186,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4487, 0.2449, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 186, 212) }
```

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

```
.background{ background-color: rgb(114,  
186, 212) }
```

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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