

Converting Colors

$Yxy(43.3028, 0.2425, 0.2699)$

Have a look what the booklet for
Yxy(43.3028, 0.2425, 0.2699)
contains.

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Color

Yxy(43.3069, 0.2425, 0.2699)

Conversions

Conversions Part 1

Format	Color
Hex	7DB6E2
RGB	125, 182, 226
RGB Percent	49%, 71%, 89%
CMY	0.5098, 0.2863, 0.1138
CMYK	0.45, 0.19, 0.00, 0.11
HSL	206°, 63%, 69%
HSV	206°, 45%, 89%
XYZ	38.9104, 43.3069, 78.2380
YIQ	169.9730, -48.0960, 1.6000

Conversions

Conversions Part 2

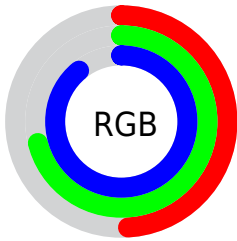
Format	Color
R _Y B	125, 161, 226
Decimal	8238818
CIE Lab	71.76, -7.03, -27.82
CIE LCh	72, 28.694, 255.825
Yxy	43.3069, 0.2425, 0.2699
Android (android.graphics.Color)	4286428898 (0xFF7DB6E2)
YUV	169.9730, 27.6213, -39.4413
Hunter-Lab	65.8080, -9.6219, -24.4233

Details

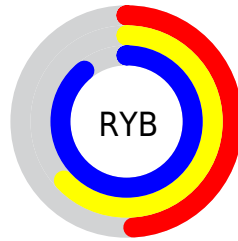
The Yxy color **43.3069, 0.2425, 0.2699** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **46.0126, 0.4071, 0.3804**, and the grayscale version is **40.0636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3142, 0.2691, 0.3103**, and **19.9060, 0.2235, 0.2520** is the 20% darker color. If you saturate the color by 10%, you get **37.9065, 0.2278, 0.2537**, and if you desaturate by 10%, it is **49.3807, 0.2580, 0.2852**.

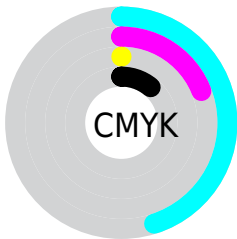
Distribution



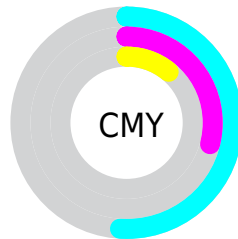
- Red (49%)
- Green (71%)
- Blue (89%)



- Red (49%)
- Yellow (63%)
- Blue (89%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3069, 0.2425, 0.2699 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 43.3069, 0.2425, 0.2699 by changing the saturation by 10% instead.

■ 43.3069, 0.2425,
0.2699

■ 43.3069, 0.2425,
0.2699

■ 359.8724, 0.2770,
0.2996

■ 30.1260, 0.2342,
0.2625

■ 80.1738, 0.2548,
0.2807

■ 19.9342, 0.2237,
0.2532

■ 104.6285, 0.2595,
0.2847

■ 12.3472, 0.2101,
0.2408

■ 133.6100, 0.2635,
0.2882

■ 6.9806, 0.1919,
0.2240

■ 167.5027, 0.2670,
0.2911

■ 3.4500, 0.1666,
0.2001

■ 206.6908, 0.2700,
0.2937

■ 1.3709, 0.1300,
0.1640

■ 251.5589, 0.2726,

■ 0.1952, 0.0048,

0.2959

0.0667

302.4913, 0.2749,
0.2979

0.0000, 0.0000,
0.0000

43.3069, 0.2425,
0.2699

43.3069, 0.2425,
0.2699

37.9065, 0.2278,
0.2537

49.3807, 0.2580,
0.2852

33.1422, 0.2144,
0.2369

56.1527, 0.2739,
0.2993

28.9797, 0.2028,
0.2198

63.6520, 0.2899,
0.3123

25.3783, 0.1932,
0.2029

71.9046, 0.3055,
0.3240

22.2889, 0.1859,
0.1864

80.9347, 0.3207,
0.3344

■ 20.8146, 0.1828,
0.1779

■ 89.6889, 0.3314,
0.3439

■ 95.6747, 0.3302,
0.3533

■ 98.2694, 0.3298,
0.3572

Harmonies

Analogous

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



43.3069, 0.2373, 0.2938



43.3069, 0.2425, 0.2699



43.3069, 0.2652, 0.2624

Triad

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



43.3069, 0.2425, 0.2699



43.3069, 0.3784, 0.3223



43.3069, 0.3195, 0.3976

Complementary

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



43.3069, 0.2425, 0.2699



46.0126, 0.4071, 0.3804

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.



43.3069, 0.3588, 0.4020



43.3069, 0.2425, 0.2699



43.3069, 0.3946, 0.3557

Square

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



43.3069, 0.2425, 0.2699



43.3069, 0.3435, 0.2921



43.3069, 0.3869, 0.3852



43.3069, 0.2799, 0.3704

Rectangle

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



43.3069, 0.2425, 0.2699



43.3069, 0.2884, 0.2663



43.3069, 0.3869, 0.3852



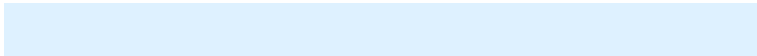
43.3069, 0.3332, 0.4017

Sweetspot

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



43.3085, 0.2425, 0.2699



85.3786, 0.2924, 0.3142



61.5934, 0.2825, 0.4067



17.7799, 0.2889, 0.3115



0.0000, 0.0000, 0.0000



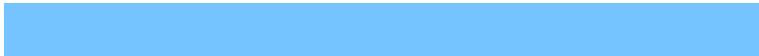
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3085, 0.2425, 0.2699



50.0685, 0.2283, 0.2543



26.2832, 0.2302, 0.1990



14.5208, 0.2981, 0.3185



12.1185, 0.1835, 0.1804



1.0172, 0.1904, 0.2054

Inverse Universe

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



34.2121, 0.3633, 0.2637



37.9943, 0.3796, 0.2509



68.4335, 0.3818, 0.4323



13.8295, 0.3204, 0.3158



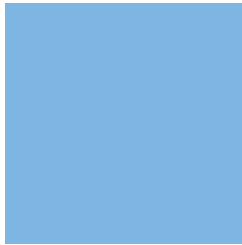
10.1314, 0.4681, 0.2352



0.7201, 0.4392, 0.2193

Previews

White Background



This preview shows how the Yxy color 43.3069, 0.2425, 0.2699 looks on a white background.

Color Contrast Check

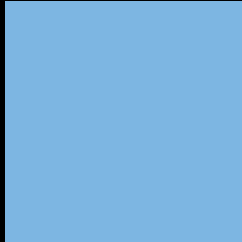
Large Text (above 18pt) WCAG AA × Fail

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 43.3069, 0.2425, 0.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

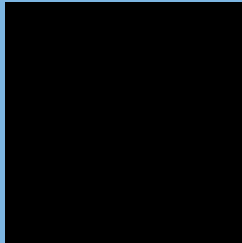
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

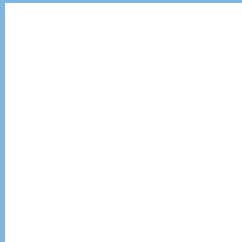
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3069, 0.2425, 0.2699

Background



This preview shows how black text looks on a background with the Yxy color 43.3069, 0.2425, 0.2699.



This preview shows how white text looks on a background with the Yxy color 43.3069, 0.2425, 0.2699.

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

43.3069, 0.2425, 0.2699

Protanopia

42.9470, 0.2701, 0.2687

Deuteranopia

42.9990, 0.2648, 0.2583



Tritanopia

43.1864, 0.2532, 0.3074

Trichromacy



Original Color

43.3069, 0.2425, 0.2699

Protanomaly

42.8086, 0.2592, 0.2687

Deuteranomaly

43.0807, 0.2562, 0.2630

Tritanomaly

43.4160, 0.2496, 0.2940

Monochromacy



Original Color

43.3069, 0.2425, 0.2699

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8598, 0.2834, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3069, 0.2425, 0.2699 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(125, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(125, 182, 226)  
}
```

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(125, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 182, 226) }
```

Border

The CSS property to change the border of an element to Yxy 43.3069, 0.2425, 0.2699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

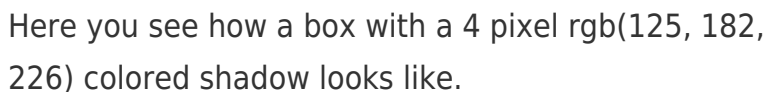
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 182, 226) }
```

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

```
.border{ border-color:rgb(125, 182, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 182, 226); box-shadow:4px 4px 4px 4px rgb(125, 182, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3069, 0.2425, 0.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 182, 226) }
```

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

```
.background{ background-color: rgb(125,  
182, 226) }
```

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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