

Converting Colors

$Y_{xy}(44.0913, 0.2380, 0.2533)$

Have a look what the booklet for
Yxy(44.0913, 0.2380, 0.2533)
contains.

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Color

Yxy(44.0848, 0.2378, 0.2529)

Conversions

Conversions Part 1

Format	Color
Hex	82B5F0
RGB	130, 181, 240
RGB Percent	51%, 71%, 94%
CMY	0.4905, 0.2901, 0.0587
CMYK	0.46, 0.25, 0.00, 0.06
HSL	212°, 79%, 73%
HSV	212°, 46%, 94%
XYZ	41.4526, 44.0848, 88.7797
YIQ	172.4770, -49.3350, 7.5370

Conversions

Conversions Part 2

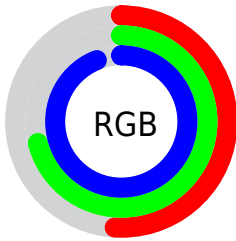
Format	Color
RYB	130, 165, 240
Decimal	8566256
CIELab	72.29, -1.36, -34.63
CIELCh	72, 34.656, 267.746
Yxy	44.0848, 0.2378, 0.2529
Android (android.graphics.Color)	4286756336 (0xFF82B5F0)
YUV	172.4770, 33.2888, -37.2523
Hunter-Lab	66.3964, -4.7525, -32.8002

Details

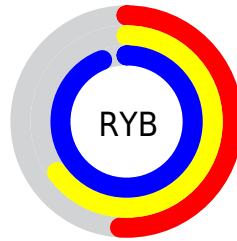
The Yxy color **44.0848, 0.2378, 0.2529** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.5108, 0.4050, 0.3935**, and the grayscale version is **41.3506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3532, 0.2717, 0.3093**, and **20.3155, 0.2180, 0.2317** is the 20% darker color. If you saturate the color by 10%, you get **37.4124, 0.2219, 0.2325**, and if you desaturate by 10%, it is **51.6863, 0.2544, 0.2722**.

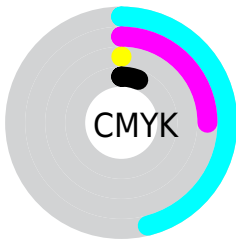
Distribution



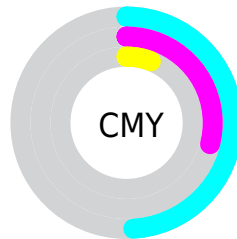
- Red (51%)
- Green (71%)
- Blue (94%)



- Red (51%)
- Yellow (65%)
- Blue (94%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0848, 0.2378, 0.2529 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 44.0848, 0.2378, 0.2529 by changing the saturation by 10% instead.

■ 44.0848, 0.2378,
0.2529

■ 44.0848, 0.2378,
0.2529

■ 363.0542, 0.2744,
0.2903

■ 30.7372, 0.2291,
0.2439

■ 81.3453, 0.2508,
0.2662

■ 20.3988, 0.2181,
0.2327

■ 106.0270, 0.2558,
0.2713

■ 12.6853, 0.2041,
0.2182

■ 135.2556, 0.2601,
0.2756

■ 7.2122, 0.1855,
0.1991

■ 169.4153, 0.2637,
0.2794

■ 3.5951, 0.1602,
0.1728

■ 208.8906, 0.2669,
0.2826

■ 1.4498, 0.1248,
0.1358

■ 254.0660, 0.2697,

■ 0.2530, 0.0471,

0.2855

0.0575

305.3257, 0.2722,
0.2880

0.0000, 0.0000,
0.0000

44.0848, 0.2378,
0.2529

44.0848, 0.2378,
0.2529

37.4124, 0.2219,
0.2325

51.6863, 0.2544,
0.2722

31.6199, 0.2072,
0.2115

60.2526, 0.2712,
0.2901

26.6600, 0.1943,
0.1904

69.8234, 0.2877,
0.3064

22.4772, 0.1838,
0.1699

80.4342, 0.3037,
0.3211

19.0057, 0.1758,
0.1507

92.1189, 0.3189,
0.3342

■ 17.7413, 0.1731,
0.1431

■ 99.0726, 0.3214,
0.3434

Harmonies

Analogous

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



44.0848, 0.2233, 0.2728



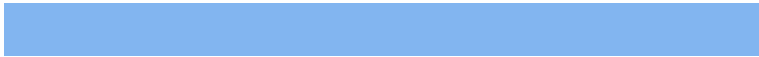
44.0848, 0.2378, 0.2529



44.0848, 0.2715, 0.2522

Triad

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



44.0848, 0.2378, 0.2529



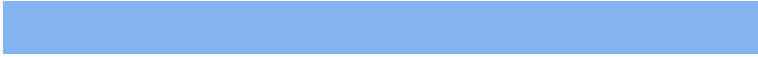
44.0848, 0.4028, 0.3359



44.0848, 0.3007, 0.4023

Complementary

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



44.0848, 0.2378, 0.2529



56.5108, 0.4050, 0.3935

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.



44.0848, 0.3494, 0.4186



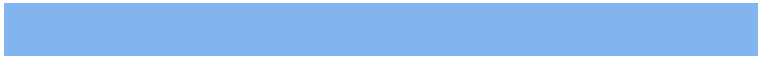
44.0848, 0.2378, 0.2529



44.0848, 0.4106, 0.3747

Square

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



44.0848, 0.2378, 0.2529



44.0848, 0.3682, 0.2983



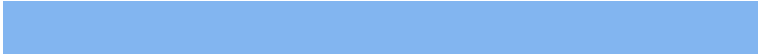
44.0848, 0.3901, 0.4061



44.0848, 0.2574, 0.3605

Rectangle

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



44.0848, 0.2378, 0.2529



44.0848, 0.3022, 0.2614



44.0848, 0.3901, 0.4061



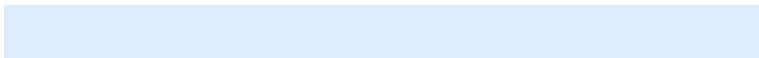
44.0848, 0.3170, 0.4111

Sweetspot

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



44.0864, 0.2378, 0.2529



82.2392, 0.2907, 0.3092



70.7334, 0.2762, 0.3946



17.0624, 0.2872, 0.3059



0.0000, 0.0000, 0.0000



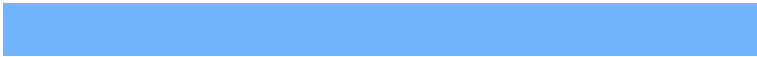
21.4041, 0.3127, 0.3290

Same Dimension

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



44.0864, 0.2378, 0.2529



43.4188, 0.2229, 0.2339



27.2765, 0.2282, 0.1859



16.4376, 0.2980, 0.3160



9.9702, 0.1739, 0.1460



1.0266, 0.1808, 0.1709

Inverse Universe

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



37.8140, 0.3778, 0.2733



36.7526, 0.3981, 0.2633



81.8372, 0.3780, 0.4425



15.8809, 0.3220, 0.3181



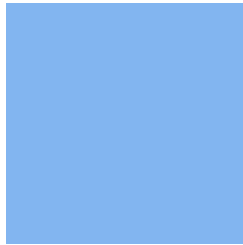
10.7999, 0.5111, 0.2589



0.9183, 0.4796, 0.2416

Previews

White Background



This preview shows how the Yxy color 44.0848, 0.2378, 0.2529 looks on a white background.

Color Contrast Check

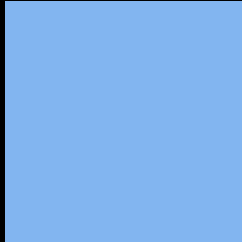
Large Text (above 18pt) WCAG AA × Fail

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 44.0848, 0.2378, 0.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

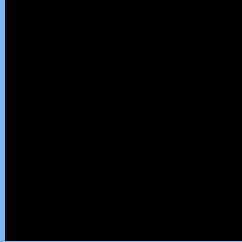
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

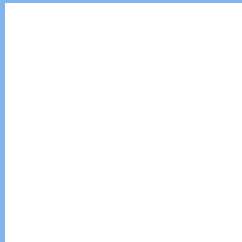
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0848, 0.2378, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 44.0848, 0.2378, 0.2529.



This preview shows how white text looks on a background with the Yxy color 44.0848, 0.2378, 0.2529.

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

44.0848, 0.2378, 0.2529

Protanopia

43.7438, 0.2579, 0.2528

Deuteranopia

43.7911, 0.2523, 0.2460



Tritanopia

44.2002, 0.2531, 0.3076

Trichromacy



Original Color

44.0848, 0.2378, 0.2529

Protanomaly

43.9483, 0.2499, 0.2531

Deuteranomaly

43.9982, 0.2464, 0.2485

Tritanomaly

43.8667, 0.2474, 0.2863

Monochromacy



Original Color

44.0848, 0.2378, 0.2529

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8593, 0.2808, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0848, 0.2378, 0.2529 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(130, 181, 240)` looks like.

```
.text, #text, p{  
    color:rgb(130, 181, 240)  
}
```

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(130, 181, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 181, 240) }
```

Border

The CSS property to change the border of an element to Yxy 44.0848, 0.2378, 0.2529 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(130, 181, 240) }
```

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

```
.border{ border-color:rgb(130, 181, 240) }
```

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

Here you see how a box with a 4 pixel rgb(130, 181, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(130, 181,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0848, 0.2378, 0.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 181, 240) }
```

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

```
.background{ background-color: rgb(130,  
181, 240) }
```

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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