

Converting Colors

Yxy(51.3508, 0.2422, 0.2623)

Have a look what the booklet for
Yxy(51.3508, 0.2422, 0.2623)
contains.

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Color

Yxy(51.4452, 0.2421, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	8CC3F9
RGB	140, 195, 249
RGB Percent	55%, 76%, 98%
CMY	0.4509, 0.2353, 0.0236
CMYK	0.44, 0.22, 0.00, 0.02
HSL	210°, 90%, 76%
HSV	210°, 44%, 98%
XYZ	47.4291, 51.4452, 97.0328
YIQ	184.7110, -50.1140, 5.1340

Conversions

Conversions Part 2

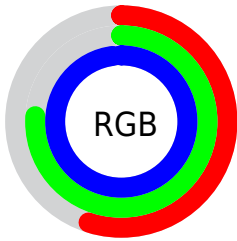
Format	Color
R _Y B	140, 177, 249
Decimal	9225209
CIE Lab	76.95, -4.05, -32.21
CIE LCh	77, 32.463, 262.833
Yxy	51.4452, 0.2421, 0.2626
Android (android.graphics.Color)	4287415289 (0xFF8CC3F9)
YUV	184.7110, 31.6945, -39.2115
Hunter-Lab	71.7253, -7.4843, -30.0021

Details

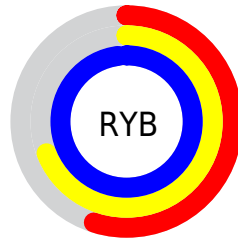
The Yxy color **51.4452, 0.2421, 0.2626** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.6147, 0.4021, 0.3863**, and the grayscale version is **48.1922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0847, 0.2786, 0.3247**, and **24.9908, 0.2248, 0.2468** is the 20% darker color. If you saturate the color by 10%, you get **44.2217, 0.2265, 0.2440**, and if you desaturate by 10%, it is **59.6185, 0.2584, 0.2801**.

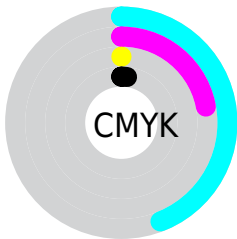
Distribution



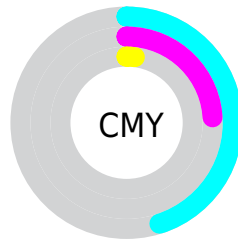
- Red (55%)
- Green (76%)
- Blue (98%)



- Red (55%)
- Yellow (69%)
- Blue (98%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4452, 0.2421, 0.2626 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 51.4452, 0.2421, 0.2626 by changing the saturation by 10% instead.

■ 51.4452, 0.2421,
0.2626

■ 51.4452, 0.2421,
0.2626

392.2910, 0.2758,
0.2947

■ 36.5630, 0.2343,
0.2550

■ 92.3125, 0.2539,
0.2739

■ 24.8694, 0.2245,
0.2456

■ 119.0665, 0.2585,
0.2783

■ 15.9797, 0.2121,
0.2335

150.5465, 0.2624,
0.2820

■ 9.5098, 0.1960,
0.2176

187.1369, 0.2658,
0.2852

■ 5.0752, 0.1742,
0.1958

229.2222, 0.2688,
0.2881

■ 2.2914, 0.1438,
0.1650

277.1867, 0.2714,

■ 0.7692, 0.0983,

0.2905

0.1196

331.4148, 0.2737,
0.2927

0.0000, 0.0000,
0.0000

51.4452, 0.2421,
0.2626

51.4452, 0.2421,
0.2626

44.2217, 0.2265,
0.2440

59.6185, 0.2584,
0.2801

37.8978, 0.2120,
0.2246

68.7767, 0.2749,
0.2963

32.4264, 0.1993,
0.2050

78.9597, 0.2912,
0.3111

27.7521, 0.1888,
0.1857

90.2035, 0.3069,
0.3244

23.8094, 0.1807,
0.1672

99.6181, 0.3162,
0.3348

■ 21.6653, 0.1767,
0.1562

Harmonies

Analogous

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



51.4452, 0.2320, 0.2838



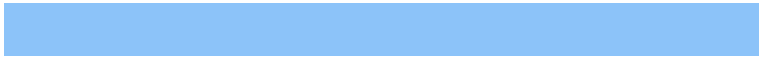
51.4452, 0.2421, 0.2626



51.4452, 0.2700, 0.2589

Triad

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



51.4452, 0.2421, 0.2626



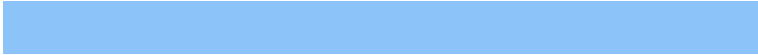
51.4452, 0.3892, 0.3299



51.4452, 0.3095, 0.3978

Complementary

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



51.4452, 0.2421, 0.2626



60.6147, 0.4021, 0.3863

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.



51.4452, 0.3526, 0.4083



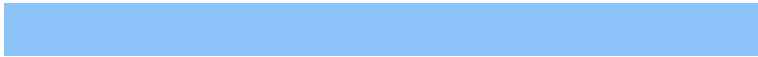
51.4452, 0.2421, 0.2626



51.4452, 0.4005, 0.3651

Square

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



51.4452, 0.2421, 0.2626



51.4452, 0.3555, 0.2965



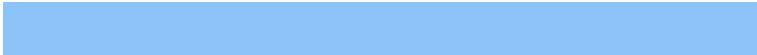
51.4452, 0.3864, 0.3945



51.4452, 0.2690, 0.3640

Rectangle

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



51.4452, 0.2421, 0.2626



51.4452, 0.2964, 0.2655



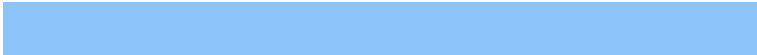
51.4452, 0.3864, 0.3945



51.4452, 0.3241, 0.4042

Sweetspot

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



51.4471, 0.2421, 0.2626



84.2115, 0.2923, 0.3121



77.1512, 0.2802, 0.3982



17.4919, 0.2888, 0.3090



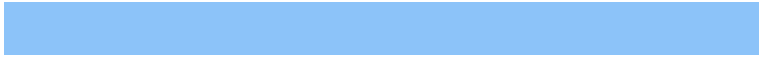
0.0000, 0.0000, 0.0000



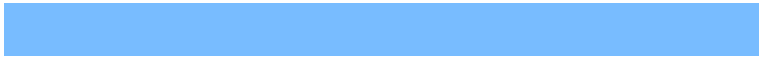
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4471, 0.2421, 0.2626



47.1878, 0.2275, 0.2453



31.7157, 0.2304, 0.1945



18.0906, 0.2980, 0.3169



11.8843, 0.1775, 0.1591



1.3128, 0.1835, 0.1805

Inverse Universe

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



42.8402, 0.3690, 0.2712



38.2896, 0.3871, 0.2599



88.6498, 0.3787, 0.4354



17.3714, 0.3214, 0.3171



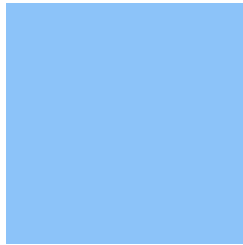
11.6106, 0.4943, 0.2497



1.0968, 0.4680, 0.2352

Previews

White Background



This preview shows how the Yxy color 51.4452, 0.2421, 0.2626 looks on a white background.

Color Contrast Check

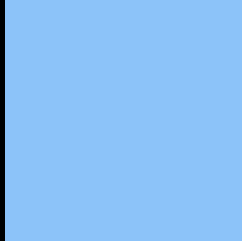
Large Text (above 18pt) WCAG AA × Fail

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 51.4452, 0.2421, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

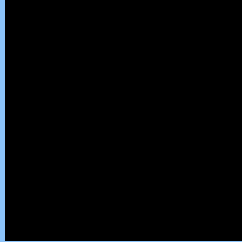
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

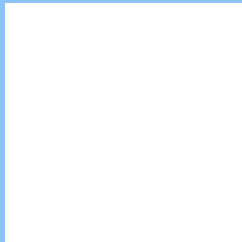
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4452, 0.2421, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 51.4452, 0.2421, 0.2626.



This preview shows how white text looks on a background with the Yxy color 51.4452, 0.2421, 0.2626.

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

51.4452, 0.2421, 0.2626

Protanopia

51.1257, 0.2652, 0.2626

Deuteranopia

51.0815, 0.2597, 0.2530



Tritanopia

51.6083, 0.2550, 0.3077

Trichromacy



Original Color

51.4452, 0.2421, 0.2626

Protanomaly

51.1009, 0.2560, 0.2627

Deuteranomaly

50.9787, 0.2531, 0.2562

Tritanomaly

51.5723, 0.2498, 0.2902

Monochromacy



Original Color

51.4452, 0.2421, 0.2626

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3843, 0.2834, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4452, 0.2421, 0.2626 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(140, 195, 249)` looks like.

```
.text, #text, p{  
    color:rgb(140, 195, 249)  
}
```

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(140, 195, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 195, 249) }
```

Border

The CSS property to change the border of an element to Yxy 51.4452, 0.2421, 0.2626 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(140, 195, 249) }
```

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

```
.border{ border-color:rgb(140, 195, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 195, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 195, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 195, 249); box-shadow:4px 4px 4px 4px rgb(140, 195, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4452, 0.2421, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 195, 249) }
```

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

```
.background{ background-color: rgb(140,  
195, 249) }
```

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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