

Converting Colors

$Y_{xy}(44.1132, 0.2264, 0.2364)$

Have a look what the booklet for
Yxy(44.1132, 0.2264, 0.2364)
contains.

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Color

Yxy(44.2685, 0.2266, 0.2372)

Conversions

Conversions Part 1

Format	Color
Hex	79B5FE
RGB	121, 181, 254
RGB Percent	47%, 71%, 100%
CMY	0.5257, 0.2901, 0.0040
CMYK	0.52, 0.29, 0.00, 0.00
HSL	213°, 99%, 74%
HSV	213°, 52%, 100%
XYZ	42.2902, 44.2685, 100.0707
YIQ	171.3820, -59.1930, 9.9830

Conversions

Conversions Part 2

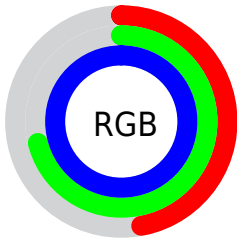
Format	Color
R _Y B	121, 162, 254
Decimal	7976446
CIE Lab	72.41, 0.65, -42.03
CIE LCh	72, 42.030, 270.881
Yxy	44.2685, 0.2266, 0.2372
Android (android.graphics.Color)	4286166526 (0xFF79B5FE)
YUV	171.3820, 40.7307, -44.1850
Hunter-Lab	66.5346, -2.9786, -42.6004

Details

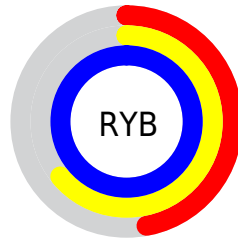
The Yxy color **44.2685, 0.2266, 0.2372** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.9935, 0.4209, 0.4037**, and the grayscale version is **40.7352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4917, 0.2679, 0.3091**, and **20.3691, 0.2043, 0.2130** is the 20% darker color. If you saturate the color by 10%, you get **37.2858, 0.2112, 0.2158**, and if you desaturate by 10%, it is **52.3037, 0.2430, 0.2578**.

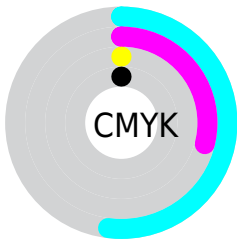
Distribution



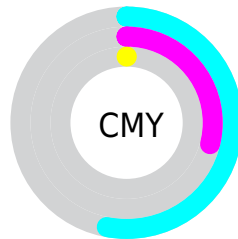
- Red (47%)
- Green (71%)
- Blue (100%)



- Red (47%)
- Yellow (64%)
- Blue (100%)



- Cyan (52%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2685, 0.2266, 0.2372 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 44.2685, 0.2266, 0.2372 by changing the saturation by 10% instead.

■ 44.2685, 0.2266,
0.2372

■ 44.2685, 0.2266,
0.2372

■ 363.8028, 0.2683,
0.2816

■ 30.8816, 0.2168,
0.2268

■ 81.6216, 0.2413,
0.2528

■ 20.5087, 0.2047,
0.2140

■ 106.3567, 0.2470,
0.2588

■ 12.7654, 0.1894,
0.1977

■ 135.6433, 0.2518,
0.2640

■ 7.2672, 0.1695,
0.1767

■ 169.8658, 0.2560,
0.2685

■ 3.6298, 0.1432,
0.1489

■ 209.4086, 0.2597,
0.2724

■ 1.4687, 0.1079,
0.1117

■ 254.6561, 0.2629,

■ 0.2665, 0.0449,

0.2758

0.0444

305.9927, 0.2657,
0.2788

0.0000, 0.0000,
0.0000

44.2685, 0.2266,
0.2372

44.2685, 0.2266,
0.2372

37.2858, 0.2112,
0.2158

52.3037, 0.2430,
0.2578

31.2956, 0.1975,
0.1941

61.4371, 0.2600,
0.2772

26.2373, 0.1859,
0.1728

71.7170, 0.2768,
0.2951

22.0386, 0.1770,
0.1528

83.1869, 0.2933,
0.3113

19.3439, 0.1719,
0.1386

95.8879, 0.3091,
0.3258

99.9350, 0.3133,
0.3300

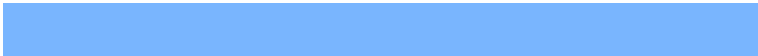
Harmonies

Analogous

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



44.2685, 0.2073, 0.2573



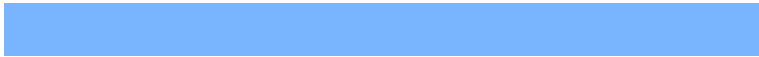
44.2685, 0.2266, 0.2372



44.2685, 0.2682, 0.2392

Triad

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



44.2685, 0.2266, 0.2372



44.2685, 0.4247, 0.3406



44.2685, 0.2913, 0.4153

Complementary

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



44.2685, 0.2266, 0.2372



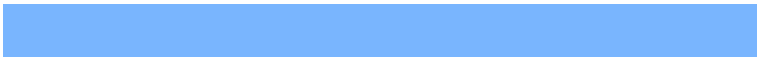
60.9935, 0.4209, 0.4037

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.



44.2685, 0.3496, 0.4381



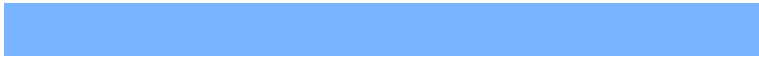
44.2685, 0.2266, 0.2372



44.2685, 0.4296, 0.3864

Square

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



44.2685, 0.2266, 0.2372



44.2685, 0.3853, 0.2962



44.2685, 0.4008, 0.4238



44.2685, 0.2415, 0.3607

Rectangle

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



44.2685, 0.2266, 0.2372



44.2685, 0.3057, 0.2514



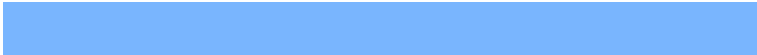
44.2685, 0.4008, 0.4238



44.2685, 0.3105, 0.4273

Sweetspot

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



44.2701, 0.2266, 0.2372



79.6103, 0.2874, 0.3056



78.7382, 0.2726, 0.4063



16.5280, 0.2840, 0.3023



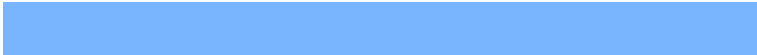
0.0000, 0.0000, 0.0000



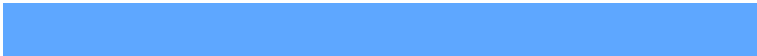
21.4041, 0.3127, 0.3290

Same Dimension

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



44.2701, 0.2266, 0.2372



37.2143, 0.2103, 0.2144



25.2045, 0.2140, 0.1623



18.7285, 0.2979, 0.3156



10.4848, 0.1727, 0.1416



1.2355, 0.1787, 0.1632

Inverse Universe

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



38.0664, 0.3940, 0.2676



32.1136, 0.4203, 0.2584



92.4966, 0.3860, 0.4569



18.1234, 0.3223, 0.3183



11.7864, 0.5170, 0.2622



1.1693, 0.4890, 0.2468

Previews

White Background



This preview shows how the Yxy color 44.2685, 0.2266, 0.2372 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 44.2685, 0.2266, 0.2372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

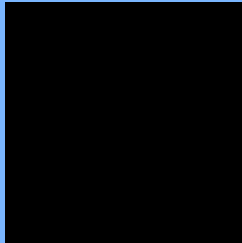
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

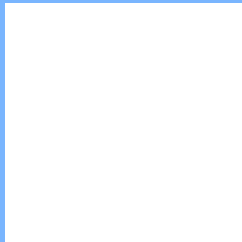
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2685, 0.2266, 0.2372

Background



This preview shows how black text looks on a background with the Yxy color 44.2685, 0.2266, 0.2372.



This preview shows how white text looks on a background with the Yxy color 44.2685, 0.2266, 0.2372.

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

44.2685, 0.2266, 0.2372

Protanopia

43.9817, 0.2459, 0.2374

Deuteranopia

43.9909, 0.2381, 0.2316



Tritanopia

44.2262, 0.2439, 0.3059

Trichromacy



Original Color

44.2685, 0.2266, 0.2372

Protanomaly

44.1601, 0.2382, 0.2375

Deuteranomaly

43.9826, 0.2335, 0.2329

Tritanomaly

44.1834, 0.2374, 0.2795

Monochromacy



Original Color

44.2685, 0.2266, 0.2372

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6493, 0.2749, 0.2935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2685, 0.2266, 0.2372 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(121, 181, 254)` looks like.

```
.text, #text, p{  
    color:rgb(121, 181, 254)  
}
```

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(121, 181, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 181, 254) }
```

Border

The CSS property to change the border of an element to Yxy 44.2685, 0.2266, 0.2372 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(121, 181, 254) }
```

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

```
.border{ border-color:rgb(121, 181, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 181, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 181, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 181, 254); box-shadow:4px 4px 4px 4px rgb(121, 181, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2685, 0.2266, 0.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 181, 254) }
```

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

```
.background{ background-color: rgb(121,  
181, 254) }
```

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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