

Converting Colors

Yxy(64.3519, 0.2472, 0.2904)

Have a look what the booklet for
Yxy(64.3519, 0.2472, 0.2904)
contains.

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Color

Yxy(64.1179, 0.2471, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	8FDCFD
RGB	143, 220, 253
RGB Percent	56%, 86%, 99%
CMY	0.4391, 0.1373, 0.0079
CMYK	0.43, 0.13, 0.00, 0.01
HSL	198°, 96%, 78%
HSV	198°, 43%, 99%
XYZ	54.6517, 64.1179, 102.4029
YIQ	200.7390, -56.4850, -6.0610

Conversions

Conversions Part 2

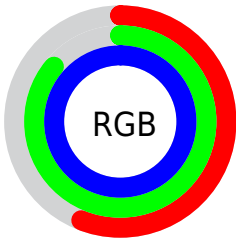
Format	Color
RYB	143, 188, 253
Decimal	9428221
CIELab	84.03, -15.38, -23.49
CIELCh	84, 28.075, 236.792
Yxy	64.1179, 0.2471, 0.2899
Android (android.graphics.Color)	4287618301 (0xFF8FDCFD)
YUV	200.7390, 25.7647, -50.6371
Hunter-Lab	80.0737, -18.2994, -19.7720

Details

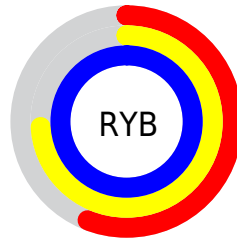
The Yxy color **64.1179, 0.2471, 0.2899** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **53.9188, 0.4118, 0.3641**, and the grayscale version is **58.1082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **32.8271, 0.2319, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **58.2175, 0.2340, 0.2791**, and if you desaturate by 10%, it is **70.7130, 0.2614, 0.3001**.

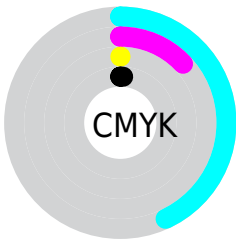
Distribution



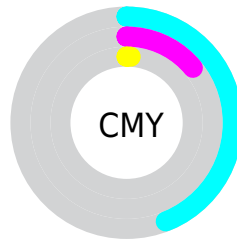
- Red (56%)
- Green (86%)
- Blue (99%)



- Red (56%)
- Yellow (74%)
- Blue (99%)



- Cyan (43%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)





- Cyan (44%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1179, 0.2471, 0.2899 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 64.1179, 0.2471, 0.2899 by changing the saturation by 10% instead.


 64.1179, 0.2471,
0.2899

 64.1179, 0.2471,
0.2899


439.6153, 0.2773,
0.3088

 46.7462, 0.2403,
0.2854

 110.7807, 0.2575,
0.2966

 32.8350, 0.2319,
0.2798


 140.8406, 0.2616,
0.2992

 22.0001, 0.2215,
0.2726


175.8986, 0.2651,
0.3014

 13.8570, 0.2080,
0.2630

216.3393, 0.2682,
0.3033

 8.0213, 0.1901,
0.2498

262.5468, 0.2709,
0.3049

 4.1086, 0.1655,
0.2304

314.9058, 0.2733,

 1.7345, 0.1302,

0.3064

373.8004, 0.2754,
0.3077

0.2002

0.4458, 0.0153,
0.1414

0.0000, 0.0000,
0.0000

64.1179, 0.2471,
0.2899

64.1179, 0.2471,
0.2899

58.2175, 0.2340,
0.2791

70.7130, 0.2614,
0.3001

52.9676, 0.2224,
0.2678

78.0293, 0.2764,
0.3097

48.3291, 0.2125,
0.2564

86.1003, 0.2918,
0.3185

44.2545, 0.2048,
0.2448

94.9551, 0.3074,
0.3264

■ 40.6864, 0.1990,
0.2334

99.8703, 0.3139,
0.3309

■ 38.5729, 0.1961,
0.2261

Harmonies

Analogous

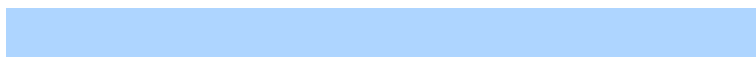
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1179, 0.2529, 0.3184



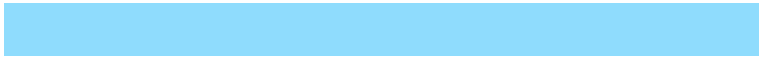
64.1179, 0.2471, 0.2899



64.1179, 0.2575, 0.2739

Triad

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



64.1179, 0.2471, 0.2899



64.1179, 0.3514, 0.3061



64.1179, 0.3410, 0.3923

Complementary

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



64.1179, 0.2471, 0.2899



53.9188, 0.4118, 0.3641

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.



64.1179, 0.3695, 0.3846



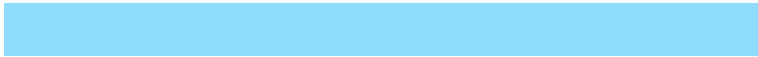
64.1179, 0.2471, 0.2899



64.1179, 0.3763, 0.3342

Square

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



64.1179, 0.2471, 0.2899



64.1179, 0.3165, 0.2840



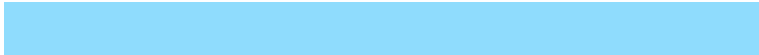
64.1179, 0.3829, 0.3626



64.1179, 0.3059, 0.3808

Rectangle

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



64.1179, 0.2471, 0.2899



64.1179, 0.2727, 0.2713



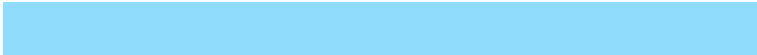
64.1179, 0.3829, 0.3626



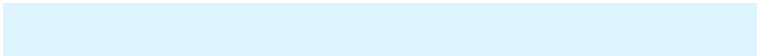
64.1179, 0.3517, 0.3917

Sweetspot

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



64.1204, 0.2471, 0.2899



88.0651, 0.2925, 0.3188



79.1419, 0.2912, 0.4259



18.4449, 0.2891, 0.3170



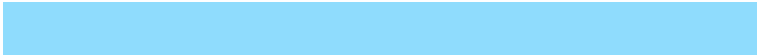
0.0000, 0.0000, 0.0000



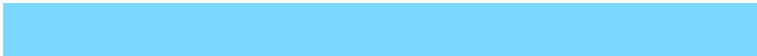
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1204, 0.2471, 0.2899



60.1035, 0.2358, 0.2807



40.5193, 0.2357, 0.2228



19.5074, 0.2980, 0.3217



20.7911, 0.1966, 0.2279



2.2159, 0.2002, 0.2408

Inverse Universe

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



45.7022, 0.3472, 0.2509



40.1955, 0.3567, 0.2368



78.9877, 0.3872, 0.4160



18.2021, 0.3184, 0.3125



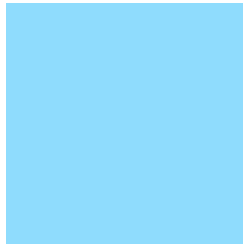
12.8268, 0.4149, 0.2059



1.2682, 0.4015, 0.1985

Previews

White Background



This preview shows how the Yxy color 64.1179, 0.2471, 0.2899 looks on a white background.

Color Contrast Check

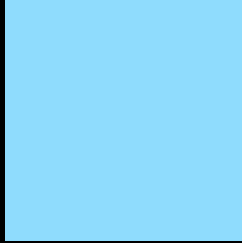
Large Text (above 18pt) WCAG AA × Fail

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 64.1179, 0.2471, 0.2899 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 64.1179, 0.2471, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 64.1179, 0.2471, 0.2899.

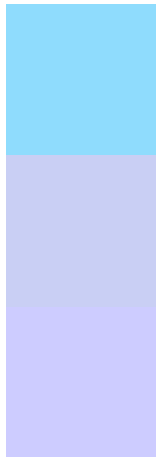


This preview shows how white text looks on a background with the Yxy color 64.1179, 0.2471, 0.2899.

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

64.1179, 0.2471, 0.2899

Protanopia

63.5748, 0.2840, 0.2879

Deuteranopia

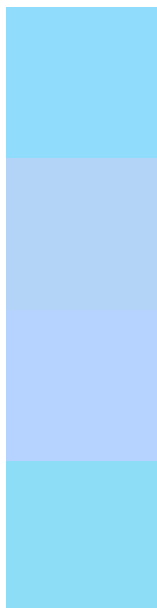
63.3849, 0.2798, 0.2736



Tritanopia

64.0228, 0.2517, 0.3070

Trichromacy



Original Color

64.1179, 0.2471, 0.2899

Protanomaly

63.5057, 0.2691, 0.2889

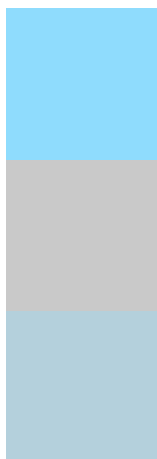
Deuteranomaly

63.1940, 0.2662, 0.2794

Tritanomaly

63.8809, 0.2496, 0.3000

Monochromacy



Original Color

64.1179, 0.2471, 0.2899

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.9824, 0.2847, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1179, 0.2471, 0.2899 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(143, 220, 253)` looks like.

```
.text, #text, p{  
    color:rgb(143, 220, 253)  
}
```

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(143, 220, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 220, 253) }
```

Border

The CSS property to change the border of an element to Yxy 64.1179, 0.2471, 0.2899 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(143, 220, 253) }
```

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

```
.border{ border-color:rgb(143, 220, 253) }
```

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

Here you see how a box with a 4 pixel rgb(143, 220, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 220, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 220, 253);  
box-shadow:4px 4px 4px 4px rgb(143, 220,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1179, 0.2471, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 220, 253) }
```

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

```
.background{ background-color: rgb(143,  
220, 253) }
```

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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