

Converting Colors

Yxy(54.2497, 0.2430, 0.2641)

Have a look what the booklet for
Yxy(54.2497, 0.2430, 0.2641)
contains.

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Color

Yxy(54.3936, 0.2429, 0.2640)

Conversions

Conversions Part 1

Format	Color
Hex	90C8FE
RGB	144, 200, 254
RGB Percent	56%, 78%, 100%
CMY	0.4351, 0.2157, 0.0041
CMYK	0.43, 0.21, 0.00, 0.00
HSL	209°, 98%, 78%
HSV	209°, 43%, 100%
XYZ	50.0462, 54.3936, 101.5965
YIQ	189.4120, -50.7100, 4.9220

Conversions

Conversions Part 2

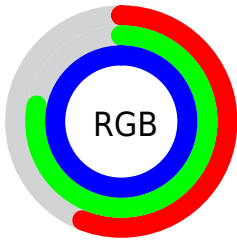
Format	Color
RYB	144, 181, 254
Decimal	9488638
CIELab	78.69, -4.40, -32.18
CIElCh	79, 32.475, 262.217
Yxy	54.3936, 0.2429, 0.2640
Android (android.graphics.Color)	4287678718 (0xFF90C8FE)
YUV	189.4120, 31.8419, -39.8263
Hunter-Lab	73.7520, -7.9405, -30.0481

Details

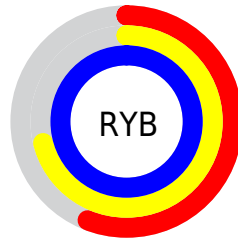
The Yxy color **54.3936, 0.2429, 0.2640** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.4734, 0.4012, 0.3853**, and the grayscale version is **50.9788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **26.6152, 0.2258, 0.2474** is the 20% darker color. If you saturate the color by 10%, you get **46.8173, 0.2273, 0.2456**, and if you desaturate by 10%, it is **62.9594, 0.2592, 0.2813**.

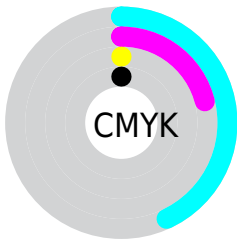
Distribution



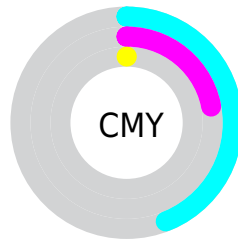
- Red (56%)
- Green (78%)
- Blue (100%)



- Red (56%)
- Yellow (71%)
- Blue (100%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3936, 0.2429, 0.2640 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 54.3936, 0.2429, 0.2640 by changing the saturation by 10% instead.

 54.3936, 0.2429,
0.2640


 54.3936, 0.2429,
0.2640


403.6092, 0.2759,
0.2951

 38.9164, 0.2353,
0.2567


 96.6519, 0.2544,
0.2750

 26.6947, 0.2259,
0.2477


 124.2018, 0.2589,
0.2792

 17.3441, 0.2140,
0.2361


156.5448, 0.2627,
0.2828

 10.4801, 0.1985,
0.2210

194.0652, 0.2661,
0.2859

 5.7184, 0.1778,
0.2005

237.1475, 0.2690,
0.2887

 2.6746, 0.1491,
0.1715

286.1760, 0.2716,

 0.9643, 0.1083,

0.2911

0.1294

341.5350, 0.2739,
0.2932

0.0000, 0.0000,
0.0000

54.3936, 0.2429,
0.2640

54.3936, 0.2429,
0.2640

46.8173, 0.2273,
0.2456

62.9594, 0.2592,
0.2813

40.1783, 0.2128,
0.2264

72.5510, 0.2756,
0.2973

34.4277, 0.2001,
0.2070

83.2100, 0.2919,
0.3119

29.5082, 0.1895,
0.1878

94.9736, 0.3077,
0.3250

25.3518, 0.1814,
0.1693

99.9335, 0.3133,
0.3300

■ 22.9272, 0.1771,
0.1576

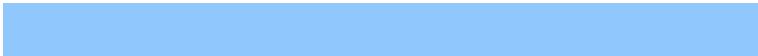
Harmonies

Analogous

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



54.3936, 0.2334, 0.2853



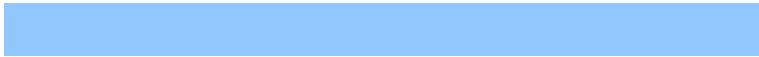
54.3936, 0.2429, 0.2640



54.3936, 0.2701, 0.2600

Triad

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



54.3936, 0.2429, 0.2640



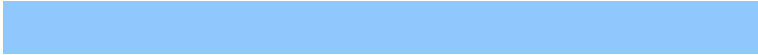
54.3936, 0.3873, 0.3292



54.3936, 0.3105, 0.3969

Complementary

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



54.3936, 0.2429, 0.2640



63.4734, 0.4012, 0.3853

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.



54.3936, 0.3527, 0.4067



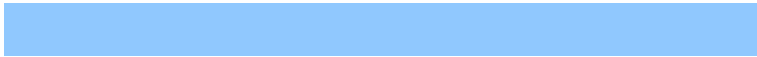
54.3936, 0.2429, 0.2640



54.3936, 0.3989, 0.3639

Square

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



54.3936, 0.2429, 0.2640



54.3936, 0.3539, 0.2965



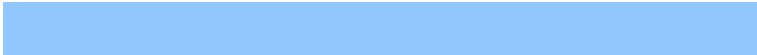
54.3936, 0.3856, 0.3929



54.3936, 0.2705, 0.3641

Rectangle

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



54.3936, 0.2429, 0.2640



54.3936, 0.2959, 0.2663



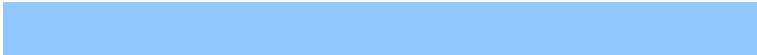
54.3936, 0.3856, 0.3929



54.3936, 0.3249, 0.4031

Sweetspot

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



54.3957, 0.2429, 0.2640



84.2978, 0.2923, 0.3123



80.8340, 0.2804, 0.3974



17.5131, 0.2888, 0.3092



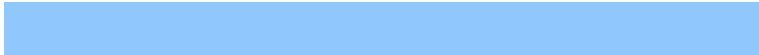
0.0000, 0.0000, 0.0000



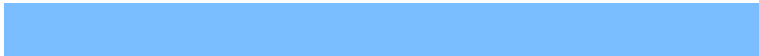
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3957, 0.2429, 0.2640



48.1697, 0.2292, 0.2480



33.6081, 0.2314, 0.1961



18.9065, 0.2979, 0.3170



12.3875, 0.1779, 0.1604



1.4248, 0.1835, 0.1807

Inverse Universe

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



45.1955, 0.3677, 0.2713



38.9908, 0.3844, 0.2605



92.7834, 0.3781, 0.4344



18.1414, 0.3214, 0.3170



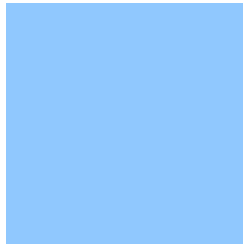
11.9785, 0.4926, 0.2487



1.1884, 0.4677, 0.2350

Previews

White Background



This preview shows how the Yxy color 54.3936, 0.2429, 0.2640 looks on a white background.

Color Contrast Check

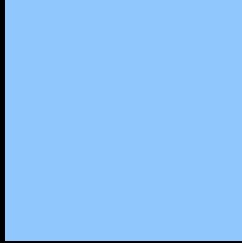
Large Text (above 18pt) WCAG AA × Fail

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 54.3936, 0.2429, 0.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

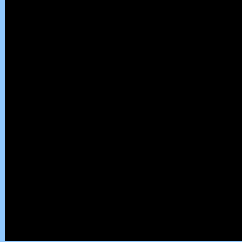
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

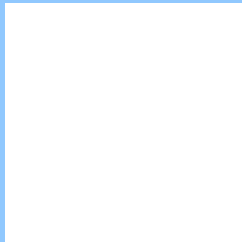
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3936, 0.2429, 0.2640

Background



This preview shows how black text looks on a background with the Yxy color 54.3936, 0.2429, 0.2640.



This preview shows how white text looks on a background with the Yxy color 54.3936, 0.2429, 0.2640.

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

54.3936, 0.2429, 0.2640

Protanopia

54.1799, 0.2662, 0.2641

Deuteranopia

54.0653, 0.2614, 0.2557



Tritanopia

54.5674, 0.2555, 0.3082

Trichromacy



Original Color

54.3936, 0.2429, 0.2640

Protanomaly

54.1478, 0.2571, 0.2642

Deuteranomaly

53.9106, 0.2537, 0.2577

Tritanomaly

54.5295, 0.2505, 0.2911

Monochromacy



Original Color

54.3936, 0.2429, 0.2640

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8283, 0.2833, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3936, 0.2429, 0.2640 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(144, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(144, 200, 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(144, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 200, 254) }
```

Border

The CSS property to change the border of an element to Yxy 54.3936, 0.2429, 0.2640 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(144, 200, 254) }
```

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

```
.border{ border-color:rgb(144, 200, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 200, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 200, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 200, 254); box-shadow:4px 4px 4px 4px rgb(144, 200, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3936, 0.2429, 0.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 200, 254) }
```

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

```
.background{ background-color: rgb(144,  
200, 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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