

Converting Colors

Yxy(54.3334, 0.2433, 0.2644)

Have a look what the booklet for
Yxy(54.3334, 0.2433, 0.2644)
contains.

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Color

Yxy(54.3297, 0.2433, 0.2650)

Conversions

Conversions Part 1

Format	Color
Hex	90C8FD
RGB	144, 200, 253
RGB Percent	56%, 78%, 99%
CMY	0.4355, 0.2156, 0.0077
CMYK	0.43, 0.21, 0.00, 0.01
HSL	209°, 97%, 78%
HSV	209°, 43%, 99%
XYZ	49.8808, 54.3297, 100.8072
YIQ	189.2980, -50.3890, 4.6110

Conversions

Conversions Part 2

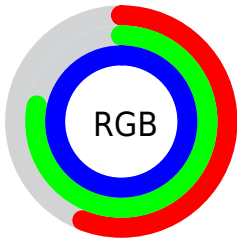
Format	Color
RYB	144, 181, 253
Decimal	9488637
CIELab	78.65, -4.68, -31.73
CIELCh	79, 32.076, 261.604
Yxy	54.3297, 0.2433, 0.2650
Android (android.graphics.Color)	4287678717 (0xFF90C8FD)
YUV	189.2980, 31.4051, -39.7263
Hunter-Lab	73.7087, -8.1940, -29.4915

Details

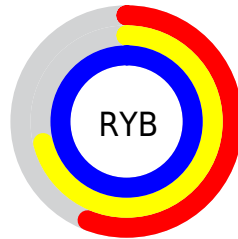
The Yxy color **54.3297, 0.2433, 0.2650** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.8132, 0.4010, 0.3845**, and the grayscale version is **50.9020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **26.5695, 0.2263, 0.2487** is the 20% darker color. If you saturate the color by 10%, you get **46.8347, 0.2277, 0.2468**, and if you desaturate by 10%, it is **62.7974, 0.2595, 0.2821**.

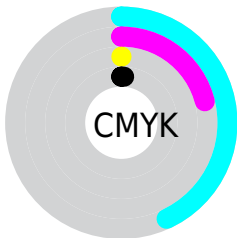
Distribution



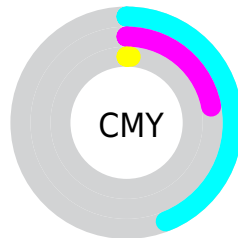
- Red (56%)
- Green (78%)
- Blue (99%)



- Red (56%)
- Yellow (71%)
- Blue (99%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)





- Cyan (44%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3297, 0.2433, 0.2650 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 54.3297, 0.2433, 0.2650 by changing the saturation by 10% instead.


 54.3297, 0.2433,
0.2650


 54.3297, 0.2433,
0.2650


403.3660, 0.2761,
0.2957

 38.8653, 0.2357,
0.2578


 96.5582, 0.2548,
0.2758

 26.6550, 0.2263,
0.2488


 124.0910, 0.2592,
0.2800

 17.3143, 0.2145,
0.2374


156.4155, 0.2630,
0.2835

 10.4588, 0.1991,
0.2224

193.9160, 0.2663,
0.2866

 5.7042, 0.1784,
0.2021

236.9769, 0.2692,
0.2893

 2.6661, 0.1497,
0.1733

285.9826, 0.2718,

 0.9600, 0.1087,

0.2917

0.1311

341.3175, 0.2741,
0.2938

0.0000, 0.0000,
0.0000

54.3297, 0.2433,
0.2650

54.3297, 0.2433,
0.2650

46.8347, 0.2277,
0.2468

62.7974, 0.2595,
0.2821

40.2610, 0.2133,
0.2279

72.2734, 0.2759,
0.2979

34.5608, 0.2006,
0.2086

82.7985, 0.2922,
0.3123

29.6776, 0.1901,
0.1896

94.4092, 0.3079,
0.3253

25.5449, 0.1820,
0.1713

99.8735, 0.3139,
0.3309

■ 23.0732, 0.1776,
0.1593

Harmonies

Analogous

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



54.3297, 0.2343, 0.2864



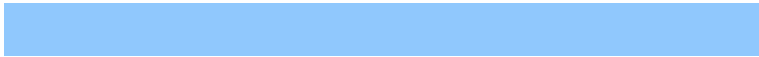
54.3297, 0.2433, 0.2650



54.3297, 0.2699, 0.2606

Triad

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



54.3297, 0.2433, 0.2650



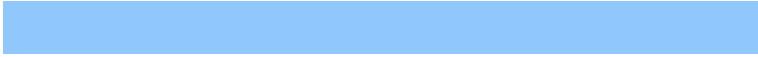
54.3297, 0.3859, 0.3286



54.3297, 0.3114, 0.3965

Complementary

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



54.3297, 0.2433, 0.2650



62.8132, 0.4010, 0.3845

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.



54.3297, 0.3531, 0.4057



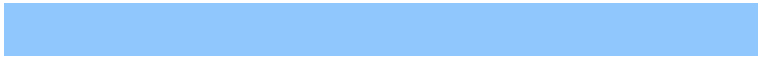
54.3297, 0.2433, 0.2650



54.3297, 0.3979, 0.3629

Square

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



54.3297, 0.2433, 0.2650



54.3297, 0.3526, 0.2963



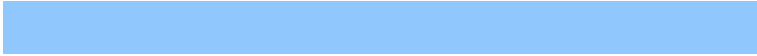
54.3297, 0.3853, 0.3917



54.3297, 0.2718, 0.3645

Rectangle

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



54.3297, 0.2433, 0.2650



54.3297, 0.2952, 0.2667



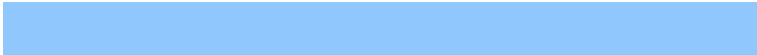
54.3297, 0.3853, 0.3917



54.3297, 0.3256, 0.4024

Sweetspot

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



54.3318, 0.2433, 0.2650



84.3939, 0.2924, 0.3125



80.2074, 0.2805, 0.3971



17.5368, 0.2888, 0.3094



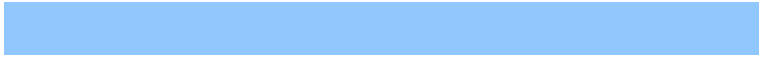
0.0000, 0.0000, 0.0000



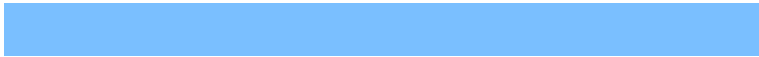
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3318, 0.2433, 0.2650



48.4549, 0.2294, 0.2488



33.5022, 0.2317, 0.1967



18.9219, 0.2979, 0.3171



12.5645, 0.1784, 0.1621



1.4422, 0.1840, 0.1823

Inverse Universe

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



44.9878, 0.3669, 0.2710



39.0196, 0.3836, 0.2599



92.0241, 0.3778, 0.4340



18.1430, 0.3213, 0.3168



11.9964, 0.4905, 0.2476



1.1901, 0.4659, 0.2340

Previews

White Background



This preview shows how the Yxy color 54.3297, 0.2433, 0.2650 looks on a white background.

Color Contrast Check

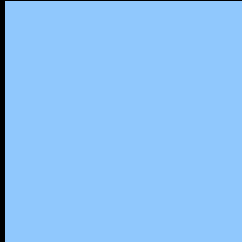
Large Text (above 18pt) WCAG AA × Fail

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 54.3297, 0.2433, 0.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

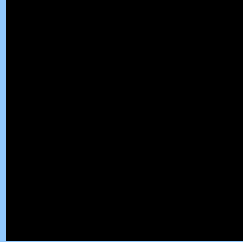
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

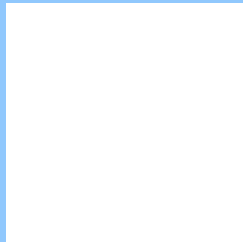
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3297, 0.2433, 0.2650

Background



This preview shows how black text looks on a background with the Yxy color 54.3297, 0.2433, 0.2650.



This preview shows how white text looks on a background with the Yxy color 54.3297, 0.2433, 0.2650.

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

54.3297, 0.2433, 0.2650

Protanopia

54.1180, 0.2668, 0.2651

Deuteranopia

54.1849, 0.2620, 0.2558



Tritanopia

54.5674, 0.2555, 0.3082

Trichromacy



Original Color

54.3297, 0.2433, 0.2650

Protanomaly

54.0853, 0.2577, 0.2652

Deuteranomaly

53.9548, 0.2548, 0.2588

Tritanomaly

54.4722, 0.2510, 0.2922

Monochromacy



Original Color

54.3297, 0.2433, 0.2650

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7776, 0.2839, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3297, 0.2433, 0.2650 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(144, 200, 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(144, 200, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 200, 253) }
```

Border

The CSS property to change the border of an element to Yxy 54.3297, 0.2433, 0.2650 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, 253) }
```

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

```
.border{ border-color:rgb(144, 200, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 200, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 200, 253); box-shadow:4px 4px 4px 4px rgb(144, 200, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3297, 0.2433, 0.2650 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, 253) }
```

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

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