

Converting Colors

$Yxy(54.8417, 0.2330, 0.2374)$

Have a look what the booklet for
Yxy(54.8417, 0.2330, 0.2374)
contains.

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Color

Yxy(53.3555, 0.2433, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	93C5FF
RGB	147, 197, 255
RGB Percent	58%, 77%, 100%
CMY	0.4237, 0.2274, 0.0000
CMYK	0.42, 0.23, 0.00, 0.00
HSL	212°, 100%, 79%
HSV	212°, 42%, 100%
XYZ	50.0439, 53.3555, 102.2887
YIQ	188.6620, -48.4180, 7.4380

Conversions

Conversions Part 2

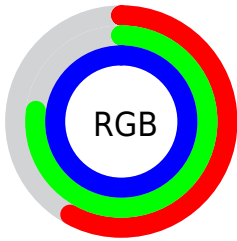
Format	Color
R_{YB}	147, 181, 255
Decimal	9684479
CIE _{Lab}	78.08, -1.79, -33.66
CIE _{LCh}	78, 33.711, 266.955
Yxy	53.3555, 0.2433, 0.2594
Android (android.graphics.Color)	4287874559 (0xFF93C5FF)
YUV	188.6620, 32.7046, -36.5376
Hunter-Lab	73.0448, -5.5359, -31.8956

Details

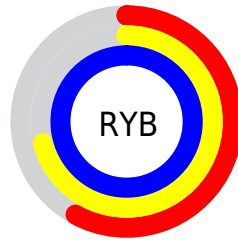
The Yxy color **53.3555, 0.2433, 0.2594** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.9954, 0.3967, 0.3890**, and the grayscale version is **50.5103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9410, 0.2826, 0.3279**, and **25.8958, 0.2259, 0.2414** is the 20% darker color. If you saturate the color by 10%, you get **45.3194, 0.2270, 0.2393**, and if you desaturate by 10%, it is **62.4790, 0.2601, 0.2784**.

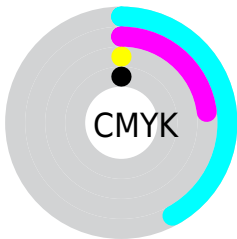
Distribution



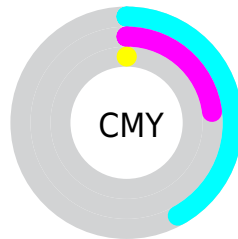
- Red (58%)
- Green (77%)
- Blue (100%)



- Red (58%)
- Yellow (71%)
- Blue (100%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3555, 0.2433, 0.2594 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 53.3555, 0.2433, 0.2594 by changing the saturation by 10% instead.

■ 53.3555, 0.2433,
0.2594

■ 53.3555, 0.2433,
0.2594

■ 399.6475, 0.2762,
0.2926

■ 38.0866, 0.2357,
0.2517

■ 95.1273, 0.2548,
0.2711

■ 26.0499, 0.2262,
0.2421

■ 122.3990, 0.2593,
0.2756

■ 16.8610, 0.2143,
0.2299

■ 154.4404, 0.2631,
0.2794

■ 10.1354, 0.1987,
0.2140

■ 191.6360, 0.2664,
0.2828

■ 5.4889, 0.1778,
0.1925

■ 234.3701, 0.2694,
0.2857

■ 2.5368, 0.1489,
0.1625

■ 283.0271, 0.2719,

■ 0.8950, 0.1078,

0.2883

0.1195

337.9915, 0.2742,
0.2906

0.0000, 0.0000,
0.0000

53.3555, 0.2433,
0.2594

53.3555, 0.2433,
0.2594

45.3194, 0.2270,
0.2393

62.4790, 0.2601,
0.2784

38.3195, 0.2118,
0.2183

72.7348, 0.2769,
0.2958

32.3016, 0.1982,
0.1971

84.1662, 0.2933,
0.3117

27.2041, 0.1868,
0.1762

96.8138, 0.3091,
0.3259

22.9554, 0.1780,
0.1564

100.0000, 0.3127,
0.3290

■ 20.2131, 0.1729,
0.1424

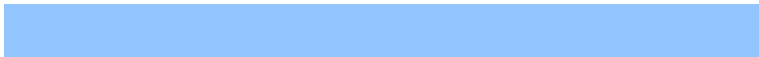
Harmonies

Analogous

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



53.3555, 0.2304, 0.2786



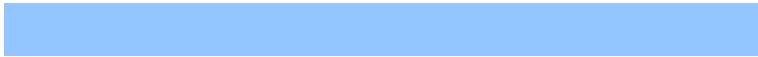
53.3555, 0.2433, 0.2594



53.3555, 0.2741, 0.2581

Triad

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



53.3555, 0.2433, 0.2594



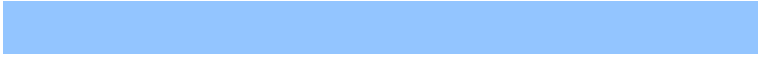
53.3555, 0.3943, 0.3348



53.3555, 0.3032, 0.3961

Complementary

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



53.3555, 0.2433, 0.2594



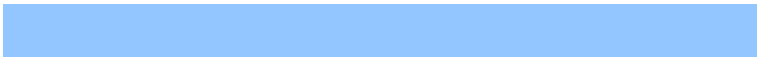
66.9954, 0.3967, 0.3890

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.



53.3555, 0.3477, 0.4105



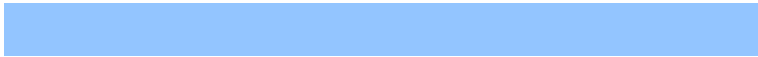
53.3555, 0.2433, 0.2594



53.3555, 0.4023, 0.3705

Square

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



53.3555, 0.2433, 0.2594



53.3555, 0.3623, 0.3001



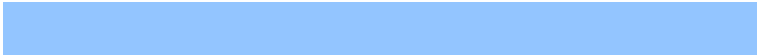
53.3555, 0.3845, 0.3992



53.3555, 0.2631, 0.3589

Rectangle

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



53.3555, 0.2433, 0.2594



53.3555, 0.3021, 0.2663



53.3555, 0.3845, 0.3992



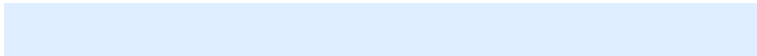
53.3555, 0.3181, 0.4039

Sweetspot

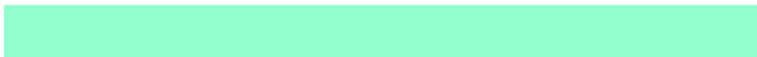
The Sweet Spot groups the original color and five complimentary colors.



53.3559, 0.2433, 0.2594



83.4160, 0.2923, 0.3107



82.1052, 0.2783, 0.3889



17.2959, 0.2887, 0.3073



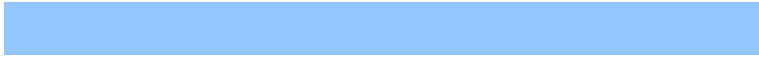
0.0000, 0.0000, 0.0000



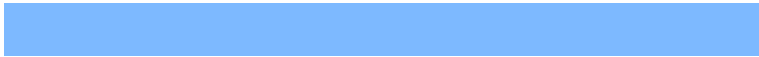
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3559, 0.2433, 0.2594



46.3614, 0.2292, 0.2421



34.6063, 0.2353, 0.1979



18.7650, 0.2979, 0.3159



10.8535, 0.1737, 0.1454



1.2727, 0.1797, 0.1668

Inverse Universe

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



46.1421, 0.3711, 0.2773



39.4262, 0.3891, 0.2675



94.2081, 0.3736, 0.4348



18.1271, 0.3221, 0.3180



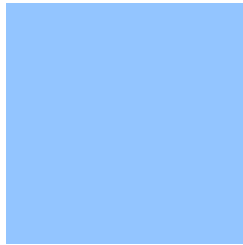
11.8236, 0.5120, 0.2594



1.1730, 0.4846, 0.2443

Previews

White Background



This preview shows how the Yxy color 53.3555, 0.2433, 0.2594 looks on a white background.

Color Contrast Check

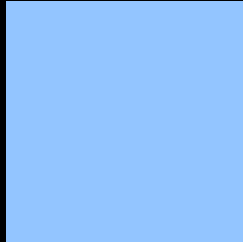
Large Text (above 18pt) WCAG AA × Fail

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 53.3555, 0.2433, 0.2594 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

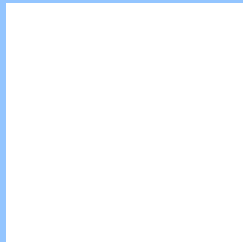
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3555, 0.2433, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 53.3555, 0.2433, 0.2594.



This preview shows how white text looks on a background with the Yxy color 53.3555, 0.2433, 0.2594.

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

53.3555, 0.2433, 0.2594

Protanopia

53.0762, 0.2628, 0.2593

Deuteranopia

53.2770, 0.2593, 0.2541



Tritanopia

53.1975, 0.2571, 0.3068

Trichromacy



Original Color

53.3555, 0.2433, 0.2594

Protanomaly

53.2752, 0.2551, 0.2595

Deuteranomaly

53.3593, 0.2529, 0.2564

Tritanomaly

53.3192, 0.2520, 0.2885

Monochromacy



Original Color

53.3555, 0.2433, 0.2594

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5020, 0.2839, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3555, 0.2433, 0.2594 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(147, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 197, 255)  
}
```

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(147, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.3555, 0.2433, 0.2594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

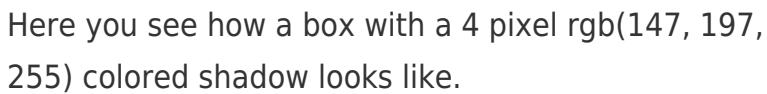
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 197, 255) }
```

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

```
.border{ border-color:rgb(147, 197, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3555, 0.2433, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 197, 255) }
```

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

```
.background{ background-color: rgb(147,  
197, 255) }
```

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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