

Converting Colors

$Y_{xy}(56.1030, 0.2189, 0.2101)$

Have a look what the booklet for
Yxy(56.1030, 0.2189, 0.2101)
contains.

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Color

Yxy(52.4506, 0.2405, 0.2577)

Conversions

Conversions Part 1

Format	Color
Hex	8EC4FF
RGB	142, 196, 255
RGB Percent	56%, 77%, 100%
CMY	0.4429, 0.2314, 0.0001
CMYK	0.44, 0.23, 0.00, 0.00
HSL	211°, 100%, 78%
HSV	211°, 44%, 100%
XYZ	48.9498, 52.4506, 102.1331
YIQ	186.5800, -51.1230, 6.9010

Conversions

Conversions Part 2

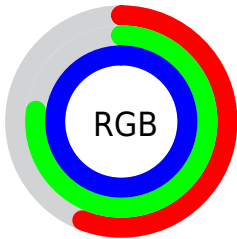
Format	Color
R_{YB}	142, 179, 255
Decimal	9356543
CIE _{Lab}	77.55, -2.45, -34.49
CIE _{LCh}	78, 34.573, 265.938
Yxy	52.4506, 0.2405, 0.2577
Android (android.graphics.Color)	4287546623 (0xFF8EC4FF)
YUV	186.5800, 33.7311, -39.0967
Hunter-Lab	72.4228, -6.0935, -32.9169

Details

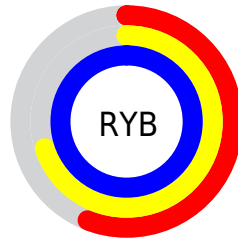
The Yxy color **52.4506, 0.2405, 0.2577** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.0064, 0.4021, 0.3901**, and the grayscale version is **49.2812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1202, 0.2803, 0.3258**, and **25.3545, 0.2227, 0.2391** is the 20% darker color. If you saturate the color by 10%, you get **44.7037, 0.2246, 0.2379**, and if you desaturate by 10%, it is **61.2507, 0.2571, 0.2764**.

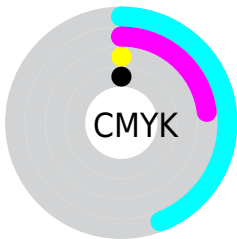
Distribution



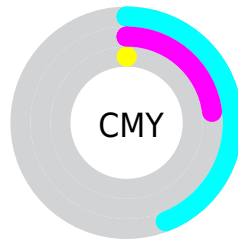
- Red (56%)
- Green (77%)
- Blue (100%)



- Red (56%)
- Yellow (70%)
- Blue (100%)



- Cyan (44%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4506, 0.2405, 0.2577 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 52.4506, 0.2405, 0.2577 by changing the saturation by 10% instead.

■ 52.4506, 0.2405,
0.2577

■ 52.4506, 0.2405,
0.2577

■ 396.1737, 0.2748,
0.2918

■ 37.3644, 0.2326,
0.2497

■ 93.7954, 0.2525,
0.2697

■ 25.4897, 0.2227,
0.2399

■ 120.8228, 0.2572,
0.2743

■ 16.4423, 0.2103,
0.2273

■ 152.5994, 0.2611,
0.2783

■ 9.8377, 0.1941,
0.2109

■ 189.5095, 0.2646,
0.2817

■ 5.2915, 0.1725,
0.1888

■ 231.9377, 0.2676,
0.2847

■ 2.4193, 0.1426,
0.1579

■ 280.2681, 0.2703,

■ 0.8358, 0.1002,

0.2874

0.1140

334.8853, 0.2727,
0.2897

0.0000, 0.0000,
0.0000

52.4506, 0.2405,
0.2577

52.4506, 0.2405,
0.2577

44.7037, 0.2246,
0.2379

61.2507, 0.2571,
0.2764

37.9548, 0.2098,
0.2174

71.1437, 0.2738,
0.2936

32.1512, 0.1968,
0.1968

82.1740, 0.2902,
0.3093

27.2313, 0.1861,
0.1765

94.3816, 0.3061,
0.3234

23.1221, 0.1779,
0.1574

99.9987, 0.3127,
0.3290

■ 21.0849, 0.1742,
0.1470

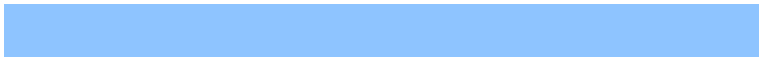
Harmonies

Analogous

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



52.4506, 0.2279, 0.2779



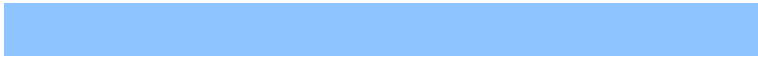
52.4506, 0.2405, 0.2577



52.4506, 0.2715, 0.2558

Triad

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



52.4506, 0.2405, 0.2577



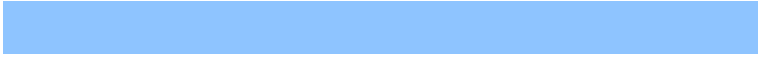
52.4506, 0.3962, 0.3335



52.4506, 0.3043, 0.3994

Complementary

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



52.4506, 0.2405, 0.2577



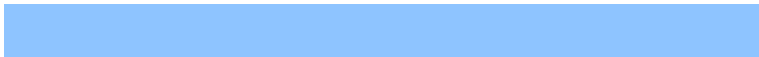
65.0064, 0.4021, 0.3901

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.



52.4506, 0.3502, 0.4132



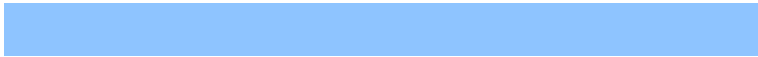
52.4506, 0.2405, 0.2577



52.4506, 0.4053, 0.3704

Square

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



52.4506, 0.2405, 0.2577



52.4506, 0.3624, 0.2981



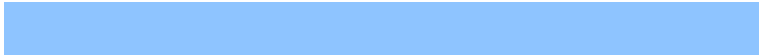
52.4506, 0.3876, 0.4005



52.4506, 0.2627, 0.3614

Rectangle

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



52.4506, 0.2405, 0.2577



52.4506, 0.3001, 0.2639



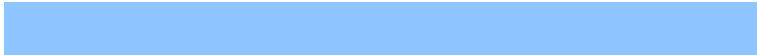
52.4506, 0.3876, 0.4005



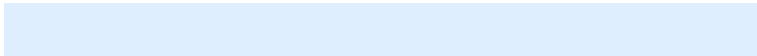
52.4506, 0.3197, 0.4071

Sweetspot

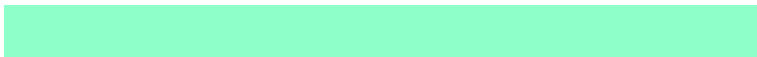
The Sweet Spot groups the original color and five complimentary colors.



52.4526, 0.2405, 0.2577



83.6907, 0.2923, 0.3112



81.4520, 0.2780, 0.3946



17.3635, 0.2887, 0.3079



0.0000, 0.0000, 0.0000



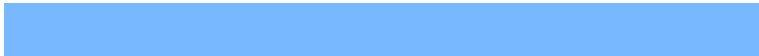
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4526, 0.2405, 0.2577



45.6502, 0.2265, 0.2405



32.5079, 0.2300, 0.1906



18.8091, 0.2979, 0.3163



11.3141, 0.1750, 0.1500



1.3187, 0.1809, 0.1711

Inverse Universe

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



44.6062, 0.3732, 0.2735



38.1344, 0.3913, 0.2635



94.3624, 0.3774, 0.4387



18.1316, 0.3219, 0.3177



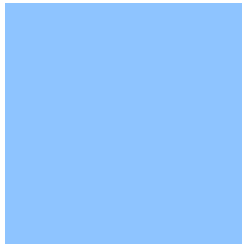
11.8701, 0.5059, 0.2561



1.1777, 0.4793, 0.2414

Previews

White Background



This preview shows how the Yxy color 52.4506, 0.2405, 0.2577 looks on a white background.

Color Contrast Check

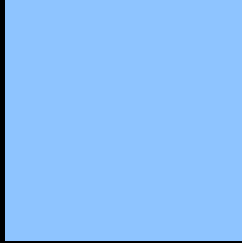
Large Text (above 18pt) WCAG AA × Fail

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 52.4506, 0.2405, 0.2577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

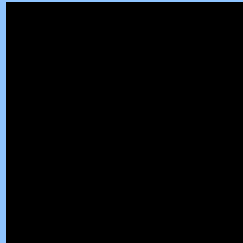
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

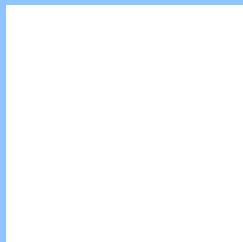
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4506, 0.2405, 0.2577

Background



This preview shows how black text looks on a background with the Yxy color 52.4506, 0.2405, 0.2577.



This preview shows how white text looks on a background with the Yxy color 52.4506, 0.2405, 0.2577.

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

52.4506, 0.2405, 0.2577

Protanopia

52.4113, 0.2613, 0.2578

Deuteranopia

52.0707, 0.2571, 0.2513



Tritanopia

52.7319, 0.2549, 0.3079

Trichromacy



Original Color

52.4506, 0.2405, 0.2577

Protanomaly

52.5141, 0.2531, 0.2580

Deuteranomaly

52.1630, 0.2508, 0.2536

Tritanomaly

52.3690, 0.2496, 0.2881

Monochromacy



Original Color

52.4506, 0.2405, 0.2577

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.2383, 0.2823, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4506, 0.2405, 0.2577 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(142, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 196, 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(142, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.4506, 0.2405, 0.2577 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(142, 196, 255) }
```

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

```
.border{ border-color:rgb(142, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 196, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 196, 255); box-shadow:4px 4px 4px 4px rgb(142, 196, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4506, 0.2405, 0.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 196, 255) }
```

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

```
.background{ background-color: rgb(142,  
196, 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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