

Converting Colors

$Y_{xy}(54.5473, 0.2538, 0.2595)$

Have a look what the booklet for
Yxy(54.5473, 0.2538, 0.2595)
contains.

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Color

Yxy(54.3572, 0.2538, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	A6C3FF
RGB	166, 195, 255
RGB Percent	65%, 76%, 100%
CMY	0.3492, 0.2352, 0.0000
CMYK	0.35, 0.24, 0.00, 0.00
HSL	220°, 100%, 83%
HSV	220°, 35%, 100%
XYZ	53.2864, 54.3572, 102.3108
YIQ	193.1690, -36.5440, 12.5120

Conversions

Conversions Part 2

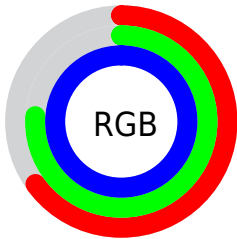
Format	Color
R _Y B	166, 188, 255
Decimal	10929151
CIE Lab	78.67, 4.23, -32.67
CIE LCh	79, 32.941, 277.369
Yxy	54.3572, 0.2538, 0.2589
Android (android.graphics.Color)	4289119231 (0xFFA6C3FF)
YUV	193.1690, 30.4827, -23.8272
Hunter-Lab	73.7273, -0.0120, -30.6671

Details

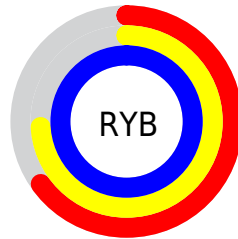
The Yxy color **54.3572, 0.2538, 0.2589** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.3736, 0.3748, 0.3901**, and the grayscale version is **53.2619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9023, 0.2934, 0.3249**, and **26.8027, 0.2393, 0.2427** is the 20% darker color. If you saturate the color by 10%, you get **44.6094, 0.2356, 0.2344**, and if you desaturate by 10%, it is **65.5380, 0.2718, 0.2816**.

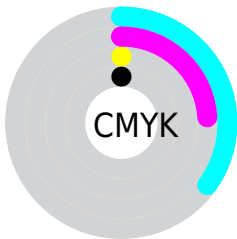
Distribution



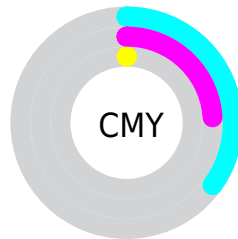
- Red (65%)
- Green (76%)
- Blue (100%)



- Red (65%)
- Yellow (74%)
- Blue (100%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3572, 0.2538, 0.2589 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 54.3572, 0.2538, 0.2589 by changing the saturation by 10% instead.

■ 54.3572, 0.2538,
0.2589

■ 54.3572, 0.2538,
0.2589

403.4707, 0.2819,
0.2920

■ 38.8873, 0.2472,
0.2513

■ 96.5985, 0.2637,
0.2704

■ 26.6721, 0.2391,
0.2419

■ 124.1387, 0.2675,
0.2749

■ 17.3271, 0.2287,
0.2300

156.4712, 0.2708,
0.2787

■ 10.4680, 0.2151,
0.2145

193.9802, 0.2736,
0.2821

■ 5.7103, 0.1966,
0.1938

237.0503, 0.2761,
0.2850

■ 2.6698, 0.1705,
0.1650

286.0658, 0.2783,

■ 0.9619, 0.1321,

0.2876

0.1237

341.4111, 0.2802,
0.2899

0.0000, 0.0000,
0.0000

54.3572, 0.2538,
0.2589

54.3572, 0.2538,
0.2589

44.6094, 0.2356,
0.2344

65.5380, 0.2718,
0.2816

36.2308, 0.2177,
0.2087

78.2084, 0.2890,
0.3023

29.1543, 0.2009,
0.1824

92.4239, 0.3052,
0.3207

23.3060, 0.1861,
0.1568

100.0000, 0.3127,
0.3290

18.6030, 0.1741,
0.1330

■ 14.9488, 0.1653,
0.1121

■ 13.4387, 0.1619,
0.1028

Harmonies

Analogous

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



54.3572, 0.2348, 0.2716



54.3572, 0.2538, 0.2589



54.3572, 0.2888, 0.2633

Triad

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



54.3572, 0.2538, 0.2589



54.3572, 0.3976, 0.3471



54.3572, 0.2889, 0.3835

Complementary

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



54.3572, 0.2538, 0.2589



78.3736, 0.3748, 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.



54.3572, 0.3321, 0.4062



54.3572, 0.2538, 0.2589



54.3572, 0.3964, 0.3804

Square

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



54.3572, 0.2538, 0.2589



54.3572, 0.3738, 0.3121



54.3572, 0.3717, 0.4035



54.3572, 0.2538, 0.3430

Rectangle

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



54.3572, 0.2538, 0.2589



54.3572, 0.3179, 0.2746



54.3572, 0.3717, 0.4035



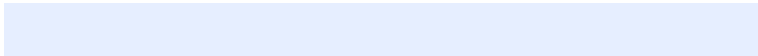
54.3572, 0.3029, 0.3937

Sweetspot

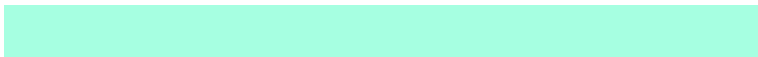
The Sweet Spot groups the original color and five complimentary colors.



54.3577, 0.2538, 0.2589



85.0053, 0.2971, 0.3116



85.0758, 0.2775, 0.3626



17.7708, 0.2948, 0.3090



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.



54.3577, 0.2538, 0.2589



47.3110, 0.2409, 0.2417



44.2754, 0.2593, 0.2265



18.3456, 0.2979, 0.3125



7.2623, 0.1627, 0.1057



0.8964, 0.1689, 0.1280

Inverse Universe

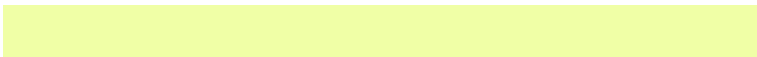
The Inverse Universe completely reimagines the original color for something new.



52.4569, 0.3687, 0.2989



45.8210, 0.3855, 0.2927



92.8247, 0.3553, 0.4195



18.0848, 0.3243, 0.3213



11.4611, 0.5673, 0.2899



1.1350, 0.5354, 0.2723

Previews

White Background



This preview shows how the Yxy color 54.3572, 0.2538, 0.2589 looks on a white background.

Color Contrast Check

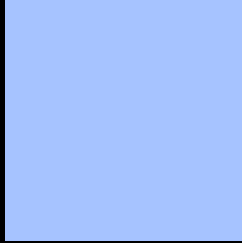
Large Text (above 18pt) WCAG AA × Fail

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 54.3572, 0.2538, 0.2589 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

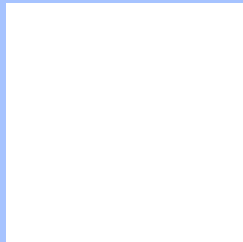
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3572, 0.2538, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 54.3572, 0.2538, 0.2589.



This preview shows how white text looks on a background with the Yxy color 54.3572, 0.2538, 0.2589.

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

54.3572, 0.2538, 0.2589

Protanopia

54.2561, 0.2620, 0.2587

Deuteranopia

54.1849, 0.2620, 0.2558



Tritanopia

54.4711, 0.2702, 0.3087

Trichromacy



Original Color

54.3572, 0.2538, 0.2589

Protanomaly

54.2944, 0.2590, 0.2584

Deuteranomaly

54.0332, 0.2589, 0.2564

Tritanomaly

54.0900, 0.2640, 0.2894

Monochromacy



Original Color

54.3572, 0.2538, 0.2589

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6087, 0.2886, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3572, 0.2538, 0.2589 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(166, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 195, 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(166, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.3572, 0.2538, 0.2589 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(166, 195, 255) }
```

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

```
.border{ border-color:rgb(166, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3572, 0.2538, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 195, 255) }
```

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

```
.background{ background-color: rgb(166,  
195, 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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