

Converting Colors

Yxy(53.8461, 0.2526, 0.2508)

Have a look what the booklet for
Yxy(53.8461, 0.2526, 0.2508)
contains.

Yxy(53.3543, 0.2552, 0.2556)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.3543, 0.2552, 0.2556)

Conversions

Conversions Part 1

Format	Color
Hex	A9C0FF
RGB	169, 192, 255
RGB Percent	66%, 75%, 100%
CMY	0.3371, 0.2471, 0.0000
CMYK	0.34, 0.25, 0.00, 0.00
HSL	224°, 100%, 83%
HSV	224°, 34%, 100%
XYZ	53.2708, 53.3543, 102.1163
YIQ	192.3050, -33.9310, 14.7170

Conversions

Conversions Part 2

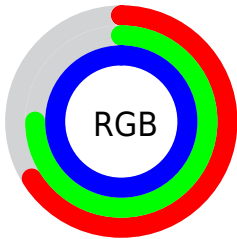
Format	Color
R_{YB}	169, 187, 255
Decimal	11124991
CIE _{Lab}	78.08, 6.71, -33.55
CIE _{LCh}	78, 34.219, 281.308
Yxy	53.3543, 0.2552, 0.2556
Android (android.graphics.Color)	4289315071 (0xFFA9C0FF)
YUV	192.3050, 30.9086, -20.4385
Hunter-Lab	73.0440, 2.3525, -31.7572

Details

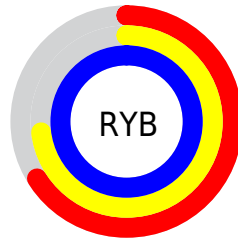
The Yxy color **53.3543, 0.2552, 0.2556** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.8690, 0.3708, 0.3928**, and the grayscale version is **52.7345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5236, 0.2951, 0.3219**, and **26.1199, 0.2406, 0.2384** is the 20% darker color. If you saturate the color by 10%, you get **43.1099, 0.2363, 0.2291**, and if you desaturate by 10%, it is **65.1925, 0.2736, 0.2802**.

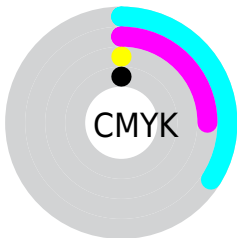
Distribution



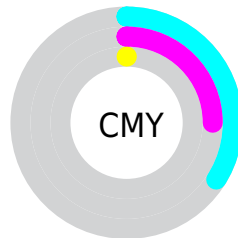
- Red (66%)
- Green (75%)
- Blue (100%)



- Red (66%)
- Yellow (73%)
- Blue (100%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3543, 0.2552, 0.2556 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 53.3543, 0.2552, 0.2556 by changing the saturation by 10% instead.

■ 53.3543, 0.2552,
0.2556

■ 53.3543, 0.2552,
0.2556

399.6429, 0.2828,
0.2901

■ 38.0857, 0.2487,
0.2477

■ 95.1255, 0.2649,
0.2676

■ 26.0492, 0.2407,
0.2379

122.3969, 0.2687,
0.2723

■ 16.8604, 0.2304,
0.2255

154.4380, 0.2719,
0.2763

■ 10.1350, 0.2168,
0.2095

191.6332, 0.2747,
0.2798

■ 5.4886, 0.1984,
0.1881

234.3669, 0.2771,
0.2829

■ 2.5367, 0.1723,
0.1585

283.0235, 0.2792,

■ 0.8949, 0.1336,

0.2856

0.1165

337.9874, 0.2811,
0.2880

0.0000, 0.0000,
0.0000

53.3543, 0.2552,
0.2556

53.3543, 0.2552,
0.2556

43.1099, 0.2363,
0.2291

65.1925, 0.2736,
0.2802

34.3863, 0.2176,
0.2013

78.6890, 0.2909,
0.3024

27.1073, 0.1999,
0.1731

93.9068, 0.3071,
0.3223

21.1890, 0.1842,
0.1459

100.0000, 0.3127,
0.3290

16.5373, 0.1714,
0.1211

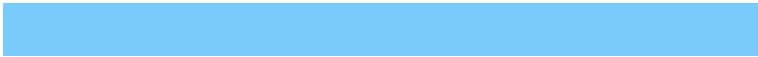
■ 13.0439, 0.1622,
0.1002

■ 11.3635, 0.1582,
0.0893

Harmonies

Analogous

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



53.3543, 0.2331, 0.2662



53.3543, 0.2552, 0.2556



53.3543, 0.2934, 0.2624

Triad

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



53.3543, 0.2552, 0.2556



53.3543, 0.4028, 0.3525



53.3543, 0.2822, 0.3813

Complementary

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



53.3543, 0.2552, 0.2556



81.8690, 0.3708, 0.3928

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.



53.3543, 0.3268, 0.4083



53.3543, 0.2552, 0.2556



53.3543, 0.3979, 0.3865

Square

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



53.3543, 0.2552, 0.2556



53.3543, 0.3811, 0.3159



53.3543, 0.3694, 0.4086



53.3543, 0.2475, 0.3375

Rectangle

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



53.3543, 0.2552, 0.2556



53.3543, 0.3242, 0.2753



53.3543, 0.3694, 0.4086



53.3543, 0.2965, 0.3929

Sweetspot

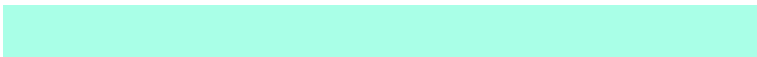
The Sweet Spot groups the original color and five complimentary colors.



53.3549, 0.2552, 0.2556



84.1286, 0.2971, 0.3101



85.7093, 0.2764, 0.3562



17.5597, 0.2948, 0.3072



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.



53.3549, 0.2552, 0.2556



46.7279, 0.2434, 0.2391



46.2611, 0.2646, 0.2314



18.1664, 0.2979, 0.3111



6.1452, 0.1589, 0.0920



0.7688, 0.1648, 0.1132

Inverse Universe

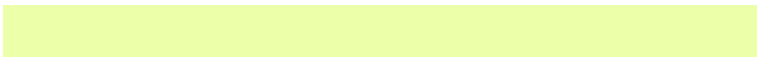
The Inverse Universe completely reimagines the original color for something new.



53.4573, 0.3708, 0.3052



47.3472, 0.3867, 0.3007



92.2835, 0.3510, 0.4172



18.0667, 0.3252, 0.3227



11.3483, 0.5881, 0.3014



1.1222, 0.5563, 0.2838

Previews

White Background



This preview shows how the Yxy color 53.3543, 0.2552, 0.2556 looks on a white background.

Color Contrast Check

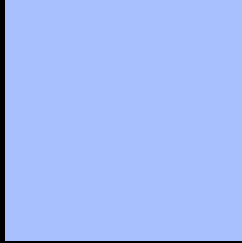
Large Text (above 18pt) WCAG AA × Fail

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 53.3543, 0.2552, 0.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

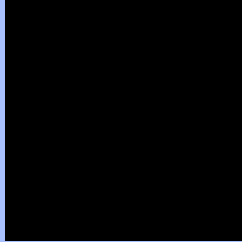
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

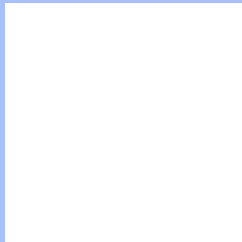
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3543, 0.2552, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 53.3543, 0.2552, 0.2556.



This preview shows how white text looks on a background with the Yxy color 53.3543, 0.2552, 0.2556.

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

53.3543, 0.2552, 0.2556

Protanopia

53.0966, 0.2592, 0.2550

Deuteranopia

53.3940, 0.2599, 0.2542



Tritanopia

53.2267, 0.2736, 0.3086

Trichromacy



Original Color

53.3543, 0.2552, 0.2556

Protanomaly

53.3016, 0.2581, 0.2559

Deuteranomaly

53.4803, 0.2582, 0.2550

Tritanomaly

52.9796, 0.2661, 0.2870

Monochromacy



Original Color

53.3543, 0.2552, 0.2556

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7959, 0.2900, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3543, 0.2552, 0.2556 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(169, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 192, 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(169, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 192, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.3543, 0.2552, 0.2556 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(169, 192, 255) }
```

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

```
.border{ border-color:rgb(169, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 192,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3543, 0.2552, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 192, 255) }
```

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

```
.background{ background-color: rgb(169,  
192, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor