

Converting Colors

$Y_{xy}(55.6140, 0.2357, 0.2289)$

Have a look what the booklet for
Yxy(55.6140, 0.2357, 0.2289)
contains.

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Color

Yxy(53.2772, 0.2501, 0.2570)

Conversions

Conversions Part 1

Format	Color
Hex	A0C2FF
RGB	160, 194, 255
RGB Percent	63%, 76%, 100%
CMY	0.3724, 0.2392, 0.0000
CMYK	0.37, 0.24, 0.00, 0.00
HSL	219°, 100%, 81%
HSV	219°, 37%, 100%
XYZ	51.8468, 53.2772, 102.1803
YIQ	190.7880, -39.8450, 11.7630

Conversions

Conversions Part 2

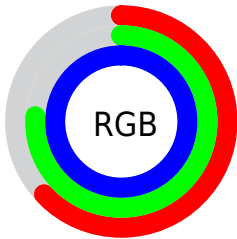
Format	Color
RYB	160, 185, 255
Decimal	10535679
CIELab	78.04, 3.20, -33.67
CIELCh	78, 33.825, 275.427
Yxy	53.2772, 0.2501, 0.2570
Android (android.graphics.Color)	4288725759 (0xFFA0C2FF)
YUV	190.7880, 31.6565, -27.0011
Hunter-Lab	72.9912, -0.9433, -31.9061

Details

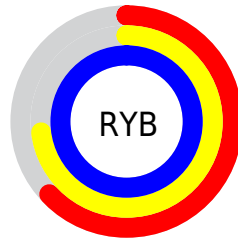
The Yxy color **53.2772, 0.2501, 0.2570** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.5341, 0.3807, 0.3914**, and the grayscale version is **51.8049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3429, 0.2898, 0.3238**, and **26.1302, 0.2348, 0.2402** is the 20% darker color. If you saturate the color by 10%, you get **44.0187, 0.2323, 0.2334**, and if you desaturate by 10%, it is **63.8792, 0.2679, 0.2791**.

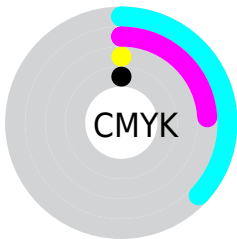
Distribution



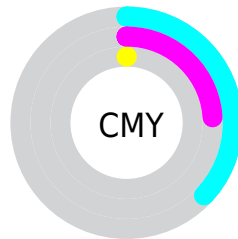
- Red (63%)
- Green (76%)
- Blue (100%)



- Red (63%)
- Yellow (73%)
- Blue (100%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2772, 0.2501, 0.2570 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 53.2772, 0.2501, 0.2570 by changing the saturation by 10% instead.

■ 53.2772, 0.2501,
0.2570

■ 53.2772, 0.2501,
0.2570

■ 399.3477, 0.2800,
0.2911

■ 38.0241, 0.2431,
0.2491

■ 95.0121, 0.2606,
0.2689

■ 26.0014, 0.2345,
0.2394

■ 122.2628, 0.2647,
0.2735

■ 16.8247, 0.2234,
0.2271

■ 154.2814, 0.2681,
0.2775

■ 10.1096, 0.2090,
0.2111

■ 191.4523, 0.2712,
0.2809

■ 5.4717, 0.1895,
0.1896

■ 234.1601, 0.2738,
0.2839

■ 2.5266, 0.1620,
0.1598

■ 282.7889, 0.2761,

■ 0.8899, 0.1222,

0.2866

0.1173

337.7234, 0.2782,
0.2890

0.0000, 0.0000,
0.0000

53.2772, 0.2501,
0.2570

53.2772, 0.2501,
0.2570

44.0187, 0.2323,
0.2334

63.8792, 0.2679,
0.2791

36.0435, 0.2150,
0.2086

75.8787, 0.2851,
0.2992

29.2878, 0.1990,
0.1835

89.3280, 0.3015,
0.3172

23.6809, 0.1851,
0.1590

100.0000, 0.3127,
0.3290

19.1428, 0.1740,
0.1361

■ 15.5771, 0.1660,
0.1160

■ 14.7338, 0.1642,
0.1109

Harmonies

Analogous

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



53.2772, 0.2318, 0.2711



53.2772, 0.2501, 0.2570



53.2772, 0.2853, 0.2605

Triad

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



53.2772, 0.2501, 0.2570



53.2772, 0.3996, 0.3451



53.2772, 0.2908, 0.3877

Complementary

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



53.2772, 0.2501, 0.2570



75.5341, 0.3807, 0.3914

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.



53.2772, 0.3355, 0.4096



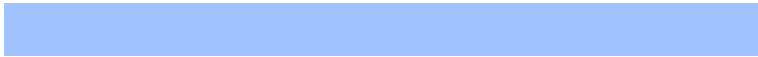
53.2772, 0.2501, 0.2570



53.2772, 0.4000, 0.3799

Square

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



53.2772, 0.2501, 0.2570



53.2772, 0.3735, 0.3093



53.2772, 0.3758, 0.4049



53.2772, 0.2538, 0.3463

Rectangle

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



53.2772, 0.2501, 0.2570



53.2772, 0.3150, 0.2715



53.2772, 0.3758, 0.4049



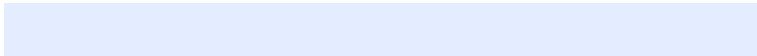
53.2772, 0.3054, 0.3978

Sweetspot

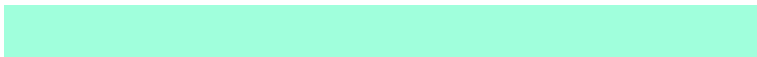
The Sweet Spot groups the original color and five complimentary colors.



53.2775, 0.2501, 0.2570



84.0997, 0.2955, 0.3107



84.1739, 0.2771, 0.3690



17.6081, 0.2933, 0.3082



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.



53.2775, 0.2501, 0.2570



45.9802, 0.2362, 0.2388



41.2232, 0.2528, 0.2180



18.4407, 0.2979, 0.3133



7.9540, 0.1650, 0.1139



0.9721, 0.1712, 0.1363

Inverse Universe

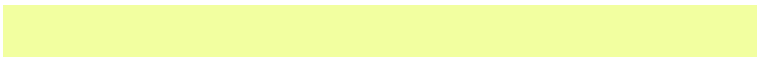
The Inverse Universe completely reimagines the original color for something new.



50.3083, 0.3711, 0.2938



43.4371, 0.3893, 0.2865



92.9964, 0.3602, 0.4248



18.0944, 0.3238, 0.3205



11.5309, 0.5554, 0.2833



1.1427, 0.5240, 0.2660

Previews

White Background



This preview shows how the Yxy color 53.2772, 0.2501, 0.2570 looks on a white background.

Color Contrast Check

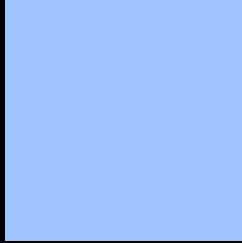
Large Text (above 18pt) WCAG AA × Fail

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 53.2772, 0.2501, 0.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

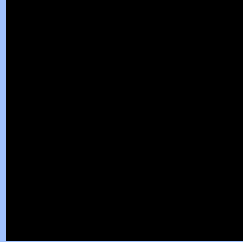
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

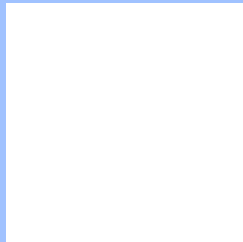
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2772, 0.2501, 0.2570

Background



This preview shows how black text looks on a background with the Yxy color 53.2772, 0.2501, 0.2570.



This preview shows how white text looks on a background with the Yxy color 53.2772, 0.2501, 0.2570.

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

53.2772, 0.2501, 0.2570

Protanopia

53.0853, 0.2610, 0.2571

Deuteranopia

53.2770, 0.2593, 0.2541



Tritanopia

53.3624, 0.2668, 0.3084

Trichromacy



Original Color

53.2772, 0.2501, 0.2570

Protanomaly

52.8995, 0.2567, 0.2566

Deuteranomaly

53.0277, 0.2557, 0.2545

Tritanomaly

53.0277, 0.2602, 0.2878

Monochromacy



Original Color

53.2772, 0.2501, 0.2570

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2576, 0.2877, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2772, 0.2501, 0.2570 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(160, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 194, 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(160, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.2772, 0.2501, 0.2570 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(160, 194, 255) }
```

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

```
.border{ border-color:rgb(160, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2772, 0.2501, 0.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 194, 255) }
```

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

```
.background{ background-color: rgb(160,  
194, 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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