

Converting Colors

Yxy(51.9383, 0.2458, 0.2545)

Have a look what the booklet for
Yxy(51.9383, 0.2458, 0.2545)
contains.

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Color

Yxy(52.1322, 0.2459, 0.2550)

Conversions

Conversions Part 1

Format	Color
Hex	99C1FF
RGB	153, 193, 255
RGB Percent	60%, 76%, 100%
CMY	0.3996, 0.2432, 0.0000
CMYK	0.40, 0.24, 0.00, 0.00
HSL	217°, 100%, 80%
HSV	217°, 40%, 100%
XYZ	50.2718, 52.1322, 102.0360
YIQ	188.1080, -43.7420, 10.8020

Conversions

Conversions Part 2

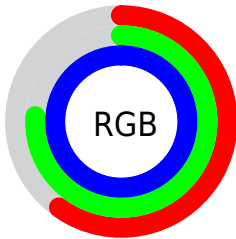
Format	Color
R _Y B	153, 182, 255
Decimal	10076671
CIE Lab	77.36, 1.94, -34.75
CIE LCh	77, 34.806, 273.202
Yxy	52.1322, 0.2459, 0.2550
Android (android.graphics.Color)	4288266751 (0xFF99C1FF)
YUV	188.1080, 32.9778, -30.7897
Hunter-Lab	72.2026, -2.0722, -33.2462

Details

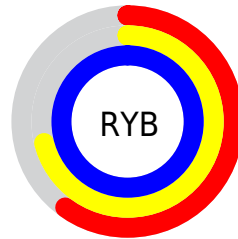
The Yxy color **52.1322, 0.2459, 0.2550** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.2219, 0.3878, 0.3927**, and the grayscale version is **50.1913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6730, 0.2857, 0.3227**, and **25.3748, 0.2292, 0.2374** is the 20% darker color. If you saturate the color by 10%, you get **43.4047, 0.2286, 0.2323**, and if you desaturate by 10%, it is **62.1114, 0.2634, 0.2763**.

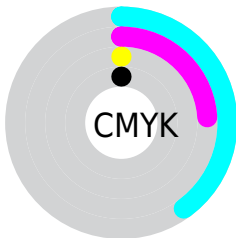
Distribution



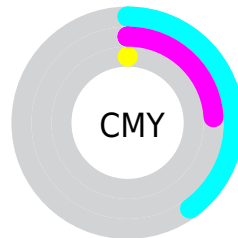
- Red (60%)
- Green (76%)
- Blue (100%)



- Red (60%)
- Yellow (71%)
- Blue (100%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1322, 0.2459, 0.2550 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 52.1322, 0.2459, 0.2550 by changing the saturation by 10% instead.


 52.1322, 0.2459,
0.2550

 52.1322, 0.2459,
0.2550


394.9468, 0.2778,
0.2902

 37.1105, 0.2385,
0.2469


 93.3262, 0.2571,
0.2673

 25.2930, 0.2292,
0.2368


 120.2672, 0.2614,
0.2721

 16.2955, 0.2175,
0.2240


151.9501, 0.2652,
0.2762

 9.7335, 0.2021,
0.2074

188.7593, 0.2684,
0.2797

 5.2226, 0.1815,
0.1851

231.0792, 0.2712,
0.2828

 2.3785, 0.1526,
0.1542

279.2941, 0.2737,

 0.8148, 0.1113,

0.2856

0.1103

333.7885, 0.2759,
0.2880

0.0000, 0.0000,
0.0000

52.1322, 0.2459,
0.2550

52.1322, 0.2459,
0.2550

43.4047, 0.2286,
0.2323

62.1114, 0.2634,
0.2763

35.8707, 0.2120,
0.2086

73.3924, 0.2806,
0.2958

29.4694, 0.1970,
0.1847

86.0247, 0.2972,
0.3134

24.1331, 0.1841,
0.1615

100.0000, 0.3127,
0.3290

19.7837, 0.1741,
0.1398

■ 16.3092, 0.1668,
0.1204

■ 16.2975, 0.1668,
0.1203

Harmonies

Analogous

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



52.1322, 0.2285, 0.2708



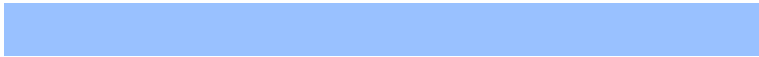
52.1322, 0.2459, 0.2550



52.1322, 0.2811, 0.2574

Triad

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



52.1322, 0.2459, 0.2550



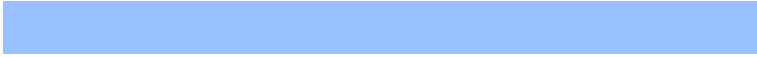
52.1322, 0.4017, 0.3427



52.1322, 0.2932, 0.3926

Complementary

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



52.1322, 0.2459, 0.2550



72.2219, 0.3878, 0.3927

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.



52.1322, 0.3395, 0.4132



52.1322, 0.2459, 0.2550



52.1322, 0.4041, 0.3790

Square

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



52.1322, 0.2459, 0.2550



52.1322, 0.3728, 0.3060



52.1322, 0.3805, 0.4062



52.1322, 0.2540, 0.3504

Rectangle

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



52.1322, 0.2459, 0.2550



52.1322, 0.3114, 0.2680



52.1322, 0.3805, 0.4062



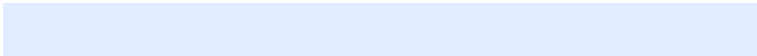
52.1322, 0.3084, 0.4025

Sweetspot

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



52.1329, 0.2459, 0.2550



83.3395, 0.2939, 0.3099



83.1687, 0.2766, 0.3766



17.4760, 0.2917, 0.3077



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.



52.1329, 0.2459, 0.2550



45.0220, 0.2319, 0.2369



37.8501, 0.2451, 0.2079



18.5439, 0.2979, 0.3141



8.7852, 0.1676, 0.1233



1.0605, 0.1738, 0.1457

Inverse Universe

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



47.9229, 0.3738, 0.2876



41.2418, 0.3924, 0.2797



93.2013, 0.3657, 0.4309



18.1048, 0.3232, 0.3197



11.6148, 0.5419, 0.2759



1.1516, 0.5115, 0.2591

Previews

White Background



This preview shows how the Yxy color 52.1322, 0.2459, 0.2550 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 52.1322, 0.2459, 0.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

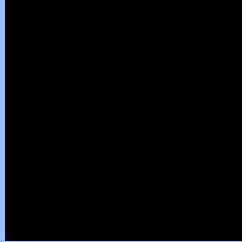
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

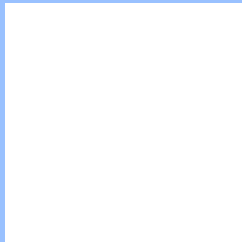
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1322, 0.2459, 0.2550

Background



This preview shows how black text looks on a background with the Yxy color 52.1322, 0.2459, 0.2550.



This preview shows how white text looks on a background with the Yxy color 52.1322, 0.2459, 0.2550.

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

52.1322, 0.2459, 0.2550

Protanopia

51.8157, 0.2593, 0.2553

Deuteranopia

52.0707, 0.2571, 0.2513



Tritanopia

52.1061, 0.2623, 0.3080

Trichromacy



Original Color

52.1322, 0.2459, 0.2550

Protanomaly

51.9622, 0.2546, 0.2559

Deuteranomaly

52.1539, 0.2530, 0.2528

Tritanomaly

51.8487, 0.2563, 0.2872

Monochromacy



Original Color

52.1322, 0.2459, 0.2550

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6943, 0.2852, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1322, 0.2459, 0.2550 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(153, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 193, 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(153, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.1322, 0.2459, 0.2550 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(153, 193, 255) }
```

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

```
.border{ border-color:rgb(153, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1322, 0.2459, 0.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 193, 255) }
```

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

```
.background{ background-color: rgb(153,  
193, 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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