

Converting Colors

$Yxy(52.7208, 0.2461, 0.2567)$

Have a look what the booklet for
Yxy(52.7208, 0.2461, 0.2567)
contains.

Yxy(52.5759, 0.2461, 0.2563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.5759, 0.2461, 0.2563)

Conversions

Conversions Part 1

Format	Color
Hex	99C2FF
RGB	153, 194, 255
RGB Percent	60%, 76%, 100%
CMY	0.3998, 0.2392, 0.0001
CMYK	0.40, 0.24, 0.00, 0.00
HSL	216°, 100%, 80%
HSV	216°, 40%, 100%
XYZ	50.4835, 52.5759, 102.0748
YIQ	188.6950, -44.0170, 10.2790

Conversions

Conversions Part 2

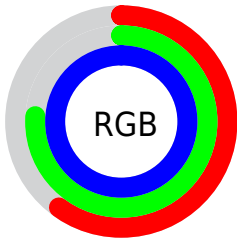
Format	Color
RYB	153, 182, 255
Decimal	10076927
CIELab	77.62, 1.37, -34.32
CIElCh	78, 34.348, 272.291
Yxy	52.5759, 0.2461, 0.2563
Android (android.graphics.Color)	4288267007 (0xFF99C2FF)
YUV	188.6950, 32.6884, -31.3045
Hunter-Lab	72.5092, -2.6131, -32.7089

Details

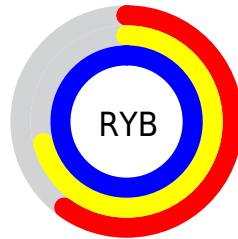
The Yxy color **52.5759, 0.2461, 0.2563** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.6730, 0.3883, 0.3917**, and the grayscale version is **50.5415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2929, 0.2858, 0.3238**, and **25.6684, 0.2295, 0.2390** is the 20% darker color. If you saturate the color by 10%, you get **43.9090, 0.2289, 0.2340**, and if you desaturate by 10%, it is **62.4741, 0.2635, 0.2772**.

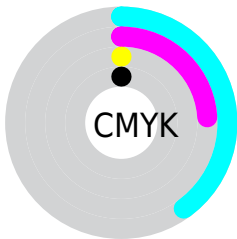
Distribution



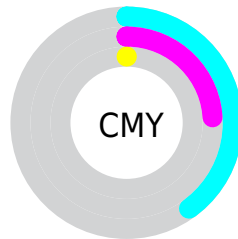
- Red (60%)
- Green (76%)
- Blue (100%)



- 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 52.5759, 0.2461, 0.2563 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 52.5759, 0.2461, 0.2563 by changing the saturation by 10% instead.

■ 52.5759, 0.2461,
0.2563

■ 52.5759, 0.2461,
0.2563

■ 396.6559, 0.2779,
0.2909

■ 37.4643, 0.2387,
0.2483

■ 93.9800, 0.2573,
0.2684

■ 25.5672, 0.2295,
0.2384

■ 121.0413, 0.2616,
0.2731

■ 16.5001, 0.2179,
0.2258

■ 152.8547, 0.2653,
0.2771

■ 9.8788, 0.2026,
0.2094

■ 189.8045, 0.2685,
0.2806

■ 5.3186, 0.1821,
0.1875

■ 232.2751, 0.2713,
0.2836

■ 2.4354, 0.1535,
0.1570

■ 280.6510, 0.2737,

■ 0.8440, 0.1124,

0.2863

0.1135

335.3164, 0.2759,
0.2887

0.0000, 0.0000,
0.0000

52.5759, 0.2461,
0.2563

52.5759, 0.2461,
0.2563

43.9090, 0.2289,
0.2340

62.4741, 0.2635,
0.2772

36.4126, 0.2125,
0.2107

73.6488, 0.2807,
0.2963

30.0285, 0.1976,
0.1872

86.1498, 0.2972,
0.3136

24.6902, 0.1849,
0.1642

99.9985, 0.3127,
0.3290

20.3212, 0.1749,
0.1427

■ 16.8111, 0.1676,
0.1234

■ 16.8017, 0.1676,
0.1233

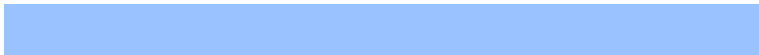
Harmonies

Analogous

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



52.5759, 0.2295, 0.2725



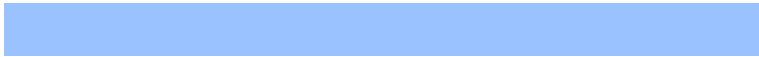
52.5759, 0.2461, 0.2563



52.5759, 0.2803, 0.2581

Triad

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



52.5759, 0.2461, 0.2563



52.5759, 0.3997, 0.3414



52.5759, 0.2949, 0.3925

Complementary

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



52.5759, 0.2461, 0.2563



71.6730, 0.3883, 0.3917

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.



52.5759, 0.3406, 0.4120



52.5759, 0.2461, 0.2563



52.5759, 0.4030, 0.3774

Square

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



52.5759, 0.2461, 0.2563



52.5759, 0.3707, 0.3053



52.5759, 0.3805, 0.4045



52.5759, 0.2559, 0.3515

Rectangle

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



52.5759, 0.2461, 0.2563



52.5759, 0.3101, 0.2683



52.5759, 0.3805, 0.4045



52.5759, 0.3100, 0.4020

Sweetspot

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



52.5779, 0.2461, 0.2563



83.5203, 0.2939, 0.3103



83.0630, 0.2774, 0.3787



17.5185, 0.2917, 0.3081



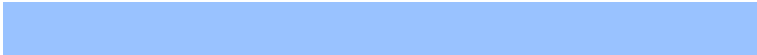
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



52.5779, 0.2461, 0.2563



45.5319, 0.2322, 0.2385



37.6559, 0.2439, 0.2075



18.5752, 0.2979, 0.3144



9.0542, 0.1684, 0.1263



1.0887, 0.1746, 0.1487

Inverse Universe

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



47.9530, 0.3727, 0.2866



41.2932, 0.3910, 0.2784



93.4878, 0.3669, 0.4305



18.1080, 0.3231, 0.3195



11.6420, 0.5377, 0.2736



1.1544, 0.5077, 0.2570

Previews

White Background



This preview shows how the Yxy color 52.5759, 0.2461, 0.2563 looks on a white background.

Color Contrast Check

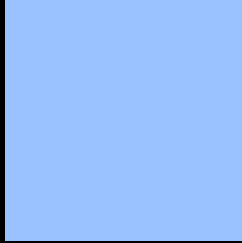
Large Text (above 18pt) WCAG AA × Fail

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 52.5759, 0.2461, 0.2563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

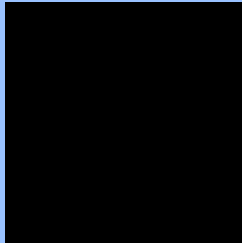
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

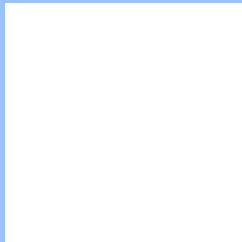
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5759, 0.2461, 0.2563

Background



This preview shows how black text looks on a background with the Yxy color 52.5759, 0.2461, 0.2563.



This preview shows how white text looks on a background with the Yxy color 52.5759, 0.2461, 0.2563.

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

52.5759, 0.2461, 0.2563

Protanopia

52.3589, 0.2601, 0.2567

Deuteranopia

52.1851, 0.2577, 0.2515



Tritanopia

52.6227, 0.2619, 0.3081

Trichromacy



Original Color

52.5759, 0.2461, 0.2563

Protanomaly

52.3969, 0.2548, 0.2571

Deuteranomaly

52.1539, 0.2530, 0.2528

Tritanomaly

52.3607, 0.2560, 0.2873

Monochromacy



Original Color

52.5759, 0.2461, 0.2563

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2958, 0.2853, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5759, 0.2461, 0.2563 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.5759, 0.2461, 0.2563 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, 194, 255) }
```

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

```
.border{ border-color:rgb(153, 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(153, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5759, 0.2461, 0.2563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 194, 255) }
```

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

```
.background{ background-color: rgb(153,  
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](#).

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