

Converting Colors

Yxy(53.3685, 0.2363, 0.2411)

Have a look what the booklet for
Yxy(53.3685, 0.2363, 0.2411)
contains.

Yxy(52.0995, 0.2433, 0.2558)	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(52.0995, 0.2433, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	94C2FF
RGB	148, 194, 255
RGB Percent	58%, 76%, 100%
CMY	0.4195, 0.2392, 0.0001
CMYK	0.42, 0.24, 0.00, 0.00
HSL	214°, 100%, 79%
HSV	214°, 42%, 100%
XYZ	49.5536, 52.0995, 102.0197
YIQ	187.2000, -46.9970, 9.2190

Conversions

Conversions Part 2

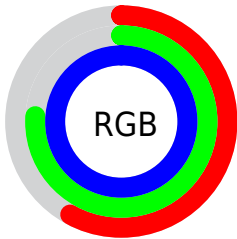
Format	Color
RYB	148, 180, 255
Decimal	9749247
CIELab	77.34, 0.09, -34.77
CIElCh	77, 34.775, 270.154
Yxy	52.0995, 0.2433, 0.2558
Android (android.graphics.Color)	4287939327 (0xFF94C2FF)
YUV	187.2000, 33.4254, -34.3784
Hunter-Lab	72.1800, -3.7697, -33.2749

Details

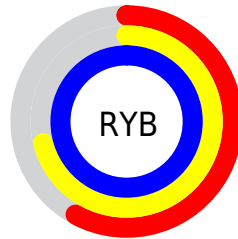
The Yxy color **52.0995, 0.2433, 0.2558** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.9904, 0.3940, 0.3919**, and the grayscale version is **49.6446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5704, 0.2829, 0.3237**, and **25.4023, 0.2264, 0.2383** is the 20% darker color. If you saturate the color by 10%, you get **43.8223, 0.2265, 0.2344**, and if you desaturate by 10%, it is **61.5371, 0.2604, 0.2759**.

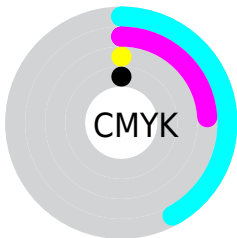
Distribution



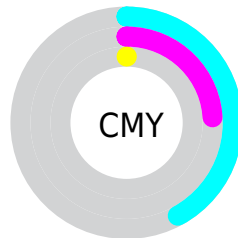
- Red (58%)
- Green (76%)
- Blue (100%)



- Red (58%)
- Yellow (71%)
- Blue (100%)



- Cyan (42%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0995, 0.2433, 0.2558 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 52.0995, 0.2433, 0.2558 by changing the saturation by 10% instead.

■ 52.0995, 0.2433,
0.2558

■ 52.0995, 0.2433,
0.2558

■ 394.8206, 0.2764,
0.2907

■ 37.0844, 0.2356,
0.2477

■ 93.2780, 0.2549,
0.2680

■ 25.2728, 0.2261,
0.2376

■ 120.2101, 0.2594,
0.2728

■ 16.2804, 0.2140,
0.2249

■ 151.8834, 0.2632,
0.2768

■ 9.7228, 0.1982,
0.2083

■ 188.6822, 0.2666,
0.2803

■ 5.2156, 0.1770,
0.1859

■ 230.9909, 0.2695,
0.2834

■ 2.3743, 0.1476,
0.1549

■ 279.1940, 0.2721,

■ 0.8126, 0.1056,

0.2861

0.1108

333.6757, 0.2744,
0.2885

■ 0.0000, 0.0000,
0.0000

■ 52.0995, 0.2433,
0.2558

■ 52.0995, 0.2433,
0.2558

■ 43.8223, 0.2265,
0.2344

■ 61.5371, 0.2604,
0.2759

■ 36.6469, 0.2108,
0.2121

■ 72.1781, 0.2775,
0.2945

■ 30.5173, 0.1966,
0.1896

■ 84.0703, 0.2940,
0.3113

■ 25.3687, 0.1848,
0.1676

■ 97.2569, 0.3098,
0.3263

■ 21.1261, 0.1755,
0.1470

■ 99.9976, 0.3127,
0.3290

■ 18.2850, 0.1700,
0.1318

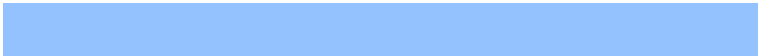
Harmonies

Analogous

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



52.0995, 0.2279, 0.2735



52.0995, 0.2433, 0.2558



52.0995, 0.2769, 0.2564

Triad

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



52.0995, 0.2433, 0.2558



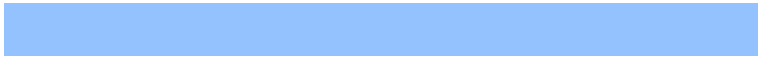
52.0995, 0.3998, 0.3388



52.0995, 0.2978, 0.3958

Complementary

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



52.0995, 0.2433, 0.2558



68.9904, 0.3940, 0.3919

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.



52.0995, 0.3442, 0.4137



52.0995, 0.2433, 0.2558



52.0995, 0.4050, 0.3756

Square

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



52.0995, 0.2433, 0.2558



52.0995, 0.3687, 0.3025



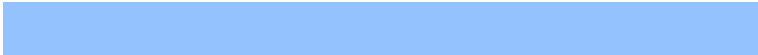
52.0995, 0.3839, 0.4041



52.0995, 0.2574, 0.3552

Rectangle

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



52.0995, 0.2433, 0.2558



52.0995, 0.3066, 0.2660



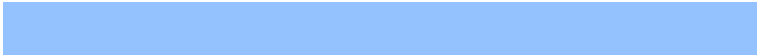
52.0995, 0.3839, 0.4041



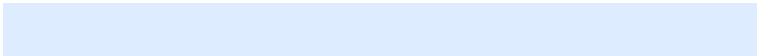
52.0995, 0.3132, 0.4049

Sweetspot

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



52.1015, 0.2433, 0.2558



82.7751, 0.2923, 0.3096



82.3803, 0.2769, 0.3838



17.1382, 0.2887, 0.3060



0.0000, 0.0000, 0.0000



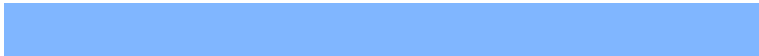
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1015, 0.2433, 0.2558



45.3543, 0.2297, 0.2386



35.3930, 0.2387, 0.2002



18.6619, 0.2979, 0.3151



9.8401, 0.1708, 0.1348



1.1699, 0.1769, 0.1568

Inverse Universe

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



46.3387, 0.3739, 0.2815



39.9585, 0.3918, 0.2729



93.5615, 0.3706, 0.4348



18.1167, 0.3226, 0.3188



11.7213, 0.5261, 0.2672



1.1626, 0.4971, 0.2512

Previews

White Background



This preview shows how the Yxy color 52.0995, 0.2433, 0.2558 looks on a white background.

Color Contrast Check

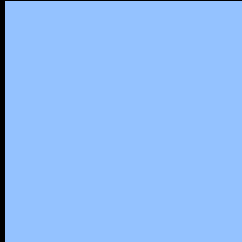
Large Text (above 18pt) WCAG AA × Fail

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 52.0995, 0.2433, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

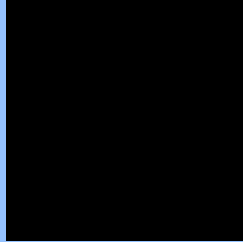
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

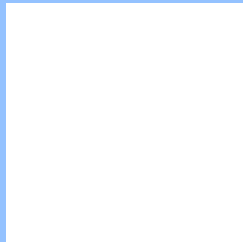
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0995, 0.2433, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 52.0995, 0.2433, 0.2558.



This preview shows how white text looks on a background with the Yxy color 52.0995, 0.2433, 0.2558.

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

52.0995, 0.2433, 0.2558

Protanopia

51.8157, 0.2593, 0.2553

Deuteranopia

52.0707, 0.2571, 0.2513



Tritanopia

52.1863, 0.2590, 0.3079

Trichromacy



Original Color

52.0995, 0.2433, 0.2558

Protanomaly

51.7477, 0.2534, 0.2556

Deuteranomaly

51.9394, 0.2518, 0.2526

Tritanomaly

51.9085, 0.2530, 0.2870

Monochromacy



Original Color

52.0995, 0.2433, 0.2558

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4646, 0.2837, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0995, 0.2433, 0.2558 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(148, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 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(148, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.0995, 0.2433, 0.2558 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(148, 194, 255) }
```

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

```
.border{ border-color:rgb(148, 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(148, 194, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0995, 0.2433, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 194, 255) }
```

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

```
.background{ background-color: rgb(148,  
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