

Converting Colors

$Yxy(54.0610, 0.2521, 0.2587)$

Have a look what the booklet for
Yxy(54.0610, 0.2521, 0.2587)
contains.

Yxy(54.0367, 0.2520, 0.2586)	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(54.0367, 0.2520, 0.2586)

Conversions

Conversions Part 1

Format	Color
Hex	A3C3FF
RGB	163, 195, 255
RGB Percent	64%, 76%, 100%
CMY	0.3611, 0.2352, 0.0000
CMYK	0.36, 0.24, 0.00, 0.00
HSL	219°, 100%, 82%
HSV	219°, 36%, 100%
XYZ	52.6576, 54.0367, 102.2644
YIQ	192.2720, -38.3320, 11.8760

Conversions

Conversions Part 2

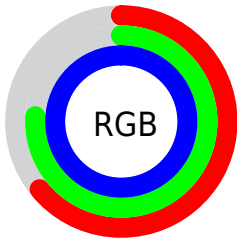
Format	Color
RYB	163, 187, 255
Decimal	10732543
CIELab	78.48, 3.40, -32.96
CIElCh	78, 33.136, 275.890
Yxy	54.0367, 0.2520, 0.2586
Android (android.graphics.Color)	4288922623 (0xFFA3C3FF)
YUV	192.2720, 30.9249, -25.6715
Hunter-Lab	73.5097, -0.7760, -31.0256

Details

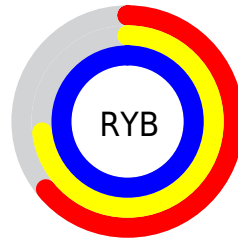
The Yxy color **54.0367, 0.2520, 0.2586** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.6252, 0.3780, 0.3903**, and the grayscale version is **52.7055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4300, 0.2916, 0.3249**, and **26.6114, 0.2371, 0.2422** is the 20% darker color. If you saturate the color by 10%, you get **44.5789, 0.2340, 0.2348**, and if you desaturate by 10%, it is **64.8689, 0.2698, 0.2807**.

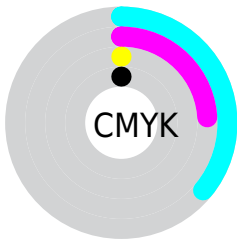
Distribution



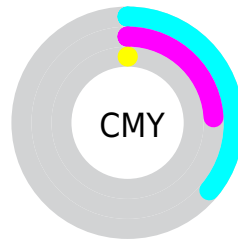
- Red (64%)
- Green (76%)
- Blue (100%)



- Red (64%)
- Yellow (73%)
- Blue (100%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0367, 0.2520, 0.2586 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 54.0367, 0.2520, 0.2586 by changing the saturation by 10% instead.

■ 54.0367, 0.2520,
0.2586

■ 54.0367, 0.2520,
0.2586

402.2499, 0.2810,
0.2919

■ 38.6310, 0.2452,
0.2509

■ 96.1281, 0.2622,
0.2702

■ 26.4728, 0.2369,
0.2414

■ 123.5827, 0.2661,
0.2747

■ 17.1777, 0.2262,
0.2294

155.8222, 0.2695,
0.2786

■ 10.3612, 0.2122,
0.2138

193.2313, 0.2724,
0.2819

■ 5.6391, 0.1933,
0.1929

236.1942, 0.2749,
0.2849

■ 2.6269, 0.1666,
0.1638

285.0953, 0.2772,

■ 0.9402, 0.1276,

0.2875

0.1220

340.3191, 0.2792,
0.2898

0.0000, 0.0000,
0.0000

54.0367, 0.2520,
0.2586

54.0367, 0.2520,
0.2586

44.5789, 0.2340,
0.2348

64.8689, 0.2698,
0.2807

36.4301, 0.2165,
0.2097

77.1256, 0.2870,
0.3009

29.5274, 0.2002,
0.1843

90.8614, 0.3033,
0.3190

23.7994, 0.1860,
0.1594

100.0000, 0.3127,
0.3290

19.1660, 0.1744,
0.1362

■ 15.5329, 0.1661,
0.1157

■ 14.3468, 0.1635,
0.1085

Harmonies

Analogous

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



54.0367, 0.2338, 0.2722



54.0367, 0.2520, 0.2586



54.0367, 0.2866, 0.2622

Triad

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



54.0367, 0.2520, 0.2586



54.0367, 0.3976, 0.3454



54.0367, 0.2908, 0.3856

Complementary

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



54.0367, 0.2520, 0.2586



76.6252, 0.3780, 0.3903

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.



54.0367, 0.3343, 0.4073



54.0367, 0.2520, 0.2586



54.0367, 0.3977, 0.3793

Square

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



54.0367, 0.2520, 0.2586



54.0367, 0.3725, 0.3103



54.0367, 0.3738, 0.4033



54.0367, 0.2548, 0.3453

Rectangle

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



54.0367, 0.2520, 0.2586



54.0367, 0.3157, 0.2731



54.0367, 0.3738, 0.4033



54.0367, 0.3050, 0.3955

Sweetspot

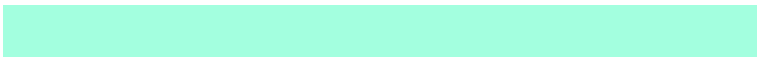
The Sweet Spot groups the original color and five complimentary colors.



54.0386, 0.2520, 0.2586



83.9538, 0.2955, 0.3104



84.6141, 0.2772, 0.3657



17.5735, 0.2933, 0.3079



0.0000, 0.0000, 0.0000



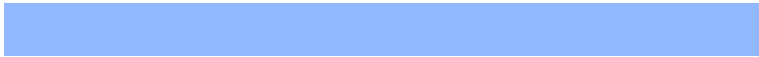
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0386, 0.2520, 0.2586



47.3756, 0.2396, 0.2423



42.7038, 0.2561, 0.2222



18.4133, 0.2979, 0.3131



7.7477, 0.1643, 0.1115



0.9497, 0.1705, 0.1339

Inverse Universe

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



51.3688, 0.3694, 0.2957



45.0608, 0.3854, 0.2893



92.8956, 0.3578, 0.4223



18.0916, 0.3239, 0.3207



11.5101, 0.5589, 0.2852



1.1404, 0.5273, 0.2678

Previews

White Background



This preview shows how the Yxy color 54.0367, 0.2520, 0.2586 looks on a white background.

Color Contrast Check

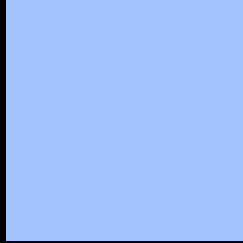
Large Text (above 18pt) WCAG AA × Fail

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 54.0367, 0.2520, 0.2586 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

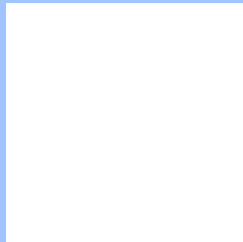
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0367, 0.2520, 0.2586

Background



This preview shows how black text looks on a background with the Yxy color 54.0367, 0.2520, 0.2586.



This preview shows how white text looks on a background with the Yxy color 54.0367, 0.2520, 0.2586.

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

54.0367, 0.2520, 0.2586

Protanopia

53.6370, 0.2618, 0.2584

Deuteranopia

54.0653, 0.2614, 0.2557



Tritanopia

54.1730, 0.2683, 0.3085

Trichromacy



Original Color

54.0367, 0.2520, 0.2586

Protanomaly

53.5618, 0.2582, 0.2580

Deuteranomaly

53.8035, 0.2577, 0.2561

Tritanomaly

53.7845, 0.2622, 0.2892

Monochromacy



Original Color

54.0367, 0.2520, 0.2586

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8700, 0.2878, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0367, 0.2520, 0.2586 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(163, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 195, 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(163, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.0367, 0.2520, 0.2586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

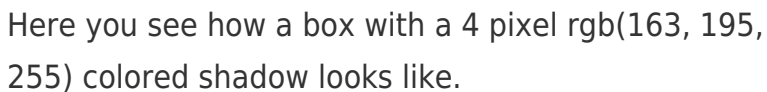
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 195, 255) }
```

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

```
.border{ border-color:rgb(163, 195, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 195, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 195, 255); box-shadow:4px 4px 4px 4px rgb(163, 195, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0367, 0.2520, 0.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 195, 255) }
```

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

```
.background{ background-color: rgb(163,  
195, 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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