

Converting Colors

$Yxy(54.0166, 0.2440, 0.2611)$

Have a look what the booklet for
Yxy(54.0166, 0.2440, 0.2611)
contains.

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Color

Yxy(53.9041, 0.2441, 0.2608)

Conversions

Conversions Part 1

Format	Color
Hex	94C6FF
RGB	148, 198, 255
RGB Percent	58%, 78%, 100%
CMY	0.4196, 0.2235, 0.0001
CMYK	0.42, 0.22, 0.00, 0.00
HSL	212°, 100%, 79%
HSV	212°, 42%, 100%
XYZ	50.4524, 53.9041, 102.3310
YIQ	189.5480, -48.0970, 7.1270

Conversions

Conversions Part 2

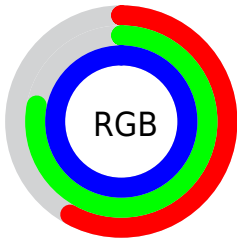
Format	Color
R_{YB}	148, 182, 255
Decimal	9750271
CIE _{Lab}	78.41, -2.08, -33.14
CIE _{LCh}	78, 33.202, 266.407
Yxy	53.9041, 0.2441, 0.2608
Android (android.graphics.Color)	4287940351 (0xFF94C6FF)
YUV	189.5480, 32.2678, -36.4376
Hunter-Lab	73.4194, -5.8222, -31.2440

Details

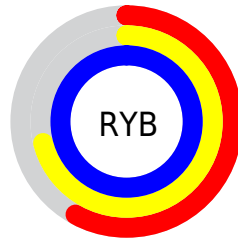
The Yxy color **53.9041, 0.2441, 0.2608** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.0383, 0.3959, 0.3880**, and the grayscale version is **51.0516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **26.2990, 0.2274, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **45.8529, 0.2278, 0.2409**, and if you desaturate by 10%, it is **63.0394, 0.2609, 0.2795**.

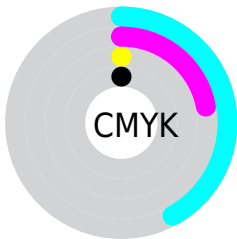
Distribution



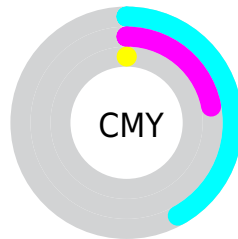
- Red (58%)
- Green (78%)
- Blue (100%)



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



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9041, 0.2441, 0.2608 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 53.9041, 0.2441, 0.2608 by changing the saturation by 10% instead.

 53.9041, 0.2441,
0.2608

 53.9041, 0.2441,
0.2608


401.7442, 0.2766,
0.2933

 38.5250, 0.2366,
0.2532


 95.9334, 0.2555,
0.2722

 26.3904, 0.2273,
0.2438


 123.3524, 0.2599,
0.2766

 17.1159, 0.2155,
0.2319


155.5535, 0.2637,
0.2804

 10.3172, 0.2001,
0.2163

192.9211, 0.2669,
0.2837

 5.6098, 0.1796,
0.1952

235.8396, 0.2698,
0.2866

 2.6093, 0.1510,
0.1657

284.6933, 0.2724,

 0.9313, 0.1103,

0.2891

0.1232

339.8667, 0.2746,
0.2913

0.0000, 0.0000,
0.0000

53.9041, 0.2441,
0.2608

53.9041, 0.2441,
0.2608

45.8529, 0.2278,
0.2409

63.0394, 0.2609,
0.2795

38.8304, 0.2126,
0.2201

73.2984, 0.2776,
0.2968

32.7846, 0.1990,
0.1990

84.7256, 0.2940,
0.3124

27.6547, 0.1876,
0.1782

97.3612, 0.3097,
0.3264

23.3700, 0.1787,
0.1585

99.9984, 0.3127,
0.3290

■ 20.4596, 0.1733,
0.1437

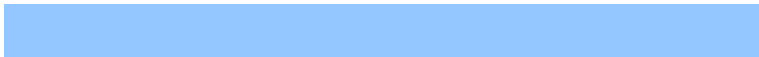
Harmonies

Analogous

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



53.9041, 0.2317, 0.2800



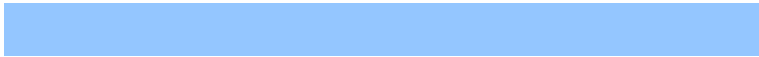
53.9041, 0.2441, 0.2608



53.9041, 0.2741, 0.2591

Triad

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



53.9041, 0.2441, 0.2608



53.9041, 0.3924, 0.3341



53.9041, 0.3042, 0.3953

Complementary

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



53.9041, 0.2441, 0.2608



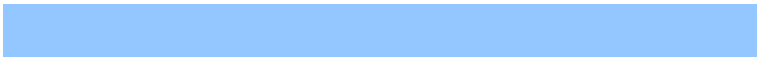
67.0383, 0.3959, 0.3880

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.



53.9041, 0.3479, 0.4090



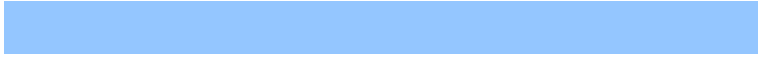
53.9041, 0.2441, 0.2608



53.9041, 0.4007, 0.3693

Square

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



53.9041, 0.2441, 0.2608



53.9041, 0.3606, 0.3000



53.9041, 0.3837, 0.3976



53.9041, 0.2646, 0.3592

Rectangle

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



53.9041, 0.2441, 0.2608



53.9041, 0.3015, 0.2670



53.9041, 0.3837, 0.3976



53.9041, 0.3189, 0.4028

Sweetspot

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



53.9061, 0.2441, 0.2608



83.4957, 0.2923, 0.3109



82.1242, 0.2795, 0.3905



17.3155, 0.2887, 0.3075



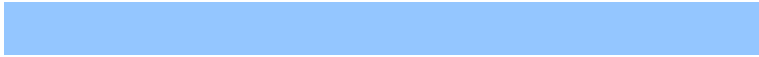
0.0000, 0.0000, 0.0000



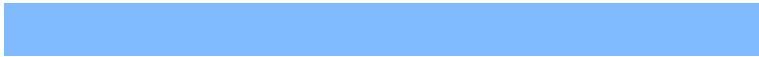
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9061, 0.2441, 0.2608



47.3560, 0.2309, 0.2448



34.8604, 0.2350, 0.1990



18.7778, 0.2979, 0.3160



10.9855, 0.1741, 0.1467



1.2859, 0.1800, 0.1680

Inverse Universe

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



46.5117, 0.3699, 0.2774



40.1606, 0.3863, 0.2681



94.5607, 0.3743, 0.4334



18.1284, 0.3220, 0.3179



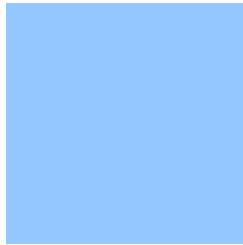
11.8370, 0.5102, 0.2584



1.1744, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 53.9041, 0.2441, 0.2608 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 53.9041, 0.2441, 0.2608 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

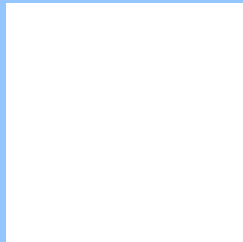
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9041, 0.2441, 0.2608

Background



This preview shows how black text looks on a background with the Yxy color 53.9041, 0.2441, 0.2608.



This preview shows how white text looks on a background with the Yxy color 53.9041, 0.2441, 0.2608.

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

53.9041, 0.2441, 0.2608

Protanopia

53.6287, 0.2636, 0.2606

Deuteranopia

53.5119, 0.2606, 0.2544



Tritanopia

53.8952, 0.2579, 0.3069

Trichromacy



Original Color

53.9041, 0.2441, 0.2608

Protanomaly

53.8273, 0.2559, 0.2609

Deuteranomaly

53.5754, 0.2541, 0.2566

Tritanomaly

53.8750, 0.2528, 0.2898

Monochromacy



Original Color

53.9041, 0.2441, 0.2608

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1089, 0.2841, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9041, 0.2441, 0.2608 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 198, 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, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.9041, 0.2441, 0.2608 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, 198, 255) }
```

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

```
.border{ border-color:rgb(148, 198, 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, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9041, 0.2441, 0.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 198, 255) }
```

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

```
.background{ background-color: rgb(148,  
198, 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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