

Converting Colors

$Yxy(55.4762, 0.2283, 0.2318)$

Have a look what the booklet for
Yxy(55.4762, 0.2283, 0.2318)
contains.

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Color

Yxy(53.4478, 0.2414, 0.2603)

Conversions

Conversions Part 1

Format	Color
Hex	8FC6FF
RGB	143, 198, 255
RGB Percent	56%, 78%, 100%
CMY	0.4394, 0.2235, 0.0000
CMYK	0.44, 0.22, 0.00, 0.00
HSL	211°, 100%, 78%
HSV	211°, 44%, 100%
XYZ	49.5670, 53.4478, 102.3167
YIQ	188.0530, -51.0770, 6.0670

Conversions

Conversions Part 2

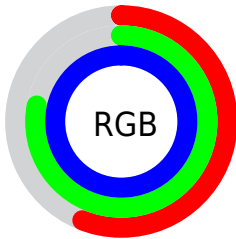
Format	Color
R_{YB}	143, 180, 255
Decimal	9422591
CIE _{Lab}	78.14, -3.31, -33.59
CIE _{LCh}	78, 33.751, 264.370
Yxy	53.4478, 0.2414, 0.2603
Android (android.graphics.Color)	4287612671 (0xFF8FC6FF)
YUV	188.0530, 33.0049, -39.5115
Hunter-Lab	73.1080, -6.9165, -31.8024

Details

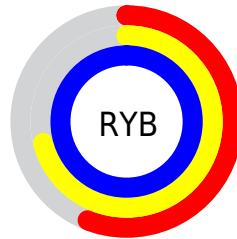
The Yxy color **53.4478, 0.2414, 0.2603** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.5281, 0.4020, 0.3881**, and the grayscale version is **50.1484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **26.0022, 0.2239, 0.2426** is the 20% darker color. If you saturate the color by 10%, you get **45.7486, 0.2256, 0.2411**, and if you desaturate by 10%, it is **62.1750, 0.2578, 0.2784**.

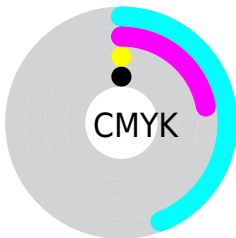
Distribution



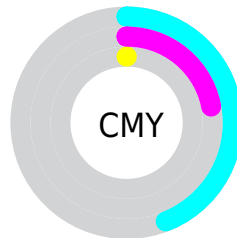
- Red (56%)
- Green (78%)
- Blue (100%)



- Red (56%)
- Yellow (71%)
- Blue (100%)



- Cyan (44%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4478, 0.2414, 0.2603 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 53.4478, 0.2414, 0.2603 by changing the saturation by 10% instead.


 53.4478, 0.2414,
0.2603


 53.4478, 0.2414,
0.2603


400.0008, 0.2752,
0.2932

 38.1604, 0.2336,
0.2526


 95.2630, 0.2532,
0.2719

 26.1072, 0.2239,
0.2431


 122.5595, 0.2578,
0.2763

 16.9038, 0.2117,
0.2310


154.6279, 0.2617,
0.2801

 10.1660, 0.1959,
0.2151

191.8524, 0.2651,
0.2834

 5.5091, 0.1747,
0.1937

234.6176, 0.2681,
0.2863

 2.5490, 0.1454,
0.1638

283.3078, 0.2707,

 0.9011, 0.1039,

0.2889

0.1207

338.3074, 0.2731,
0.2912

0.0000, 0.0000,
0.0000

53.4478, 0.2414,
0.2603

53.4478, 0.2414,
0.2603

45.7486, 0.2256,
0.2411

62.1750, 0.2578,
0.2784

39.0247, 0.2110,
0.2212

71.9701, 0.2745,
0.2951

33.2244, 0.1981,
0.2010

82.8758, 0.2908,
0.3103

28.2877, 0.1875,
0.1812

94.9311, 0.3067,
0.3240

24.1434, 0.1793,
0.1624

100.0000, 0.3127,
0.3290

■ 21.9611, 0.1754,
0.1516

Harmonies

Analogous

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



53.4478, 0.2301, 0.2810



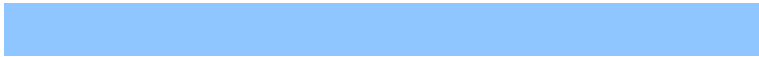
53.4478, 0.2414, 0.2603



53.4478, 0.2708, 0.2575

Triad

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



53.4478, 0.2414, 0.2603



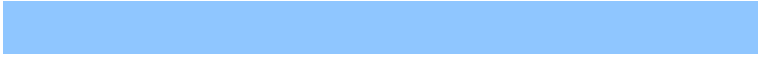
53.4478, 0.3924, 0.3317



53.4478, 0.3070, 0.3985

Complementary

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



53.4478, 0.2414, 0.2603



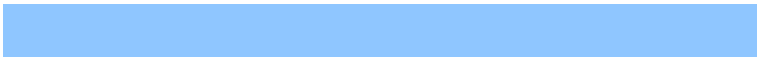
64.5281, 0.4020, 0.3881

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.



53.4478, 0.3514, 0.4105



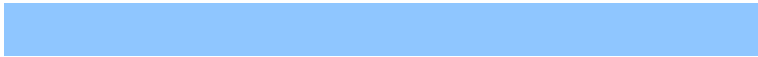
53.4478, 0.2414, 0.2603



53.4478, 0.4027, 0.3676

Square

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



53.4478, 0.2414, 0.2603



53.4478, 0.3587, 0.2973



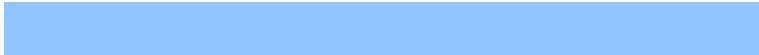
53.4478, 0.3869, 0.3973



53.4478, 0.2660, 0.3627

Rectangle

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



53.4478, 0.2414, 0.2603



53.4478, 0.2982, 0.2648



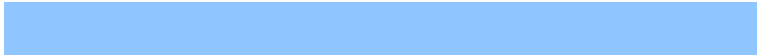
53.4478, 0.3869, 0.3973



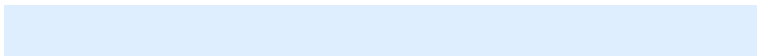
53.4478, 0.3220, 0.4055

Sweetspot

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



53.4494, 0.2414, 0.2603



83.9553, 0.2923, 0.3117



81.4789, 0.2791, 0.3963



17.4287, 0.2888, 0.3085



0.0000, 0.0000, 0.0000



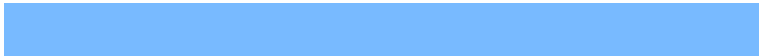
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4494, 0.2414, 0.2603



46.4275, 0.2270, 0.2430



32.6898, 0.2295, 0.1915



18.8516, 0.2979, 0.3166



11.7724, 0.1763, 0.1545



1.3642, 0.1820, 0.1753

Inverse Universe

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



44.9713, 0.3710, 0.2724



38.2129, 0.3892, 0.2617



94.7620, 0.3783, 0.4374



18.1359, 0.3217, 0.3174



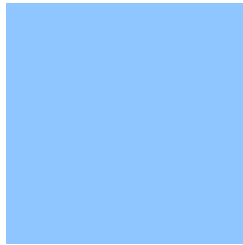
11.9164, 0.5001, 0.2529



1.1823, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 53.4478, 0.2414, 0.2603 looks on a white background.

Color Contrast Check

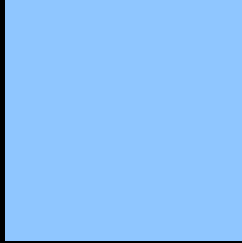
Large Text (above 18pt) WCAG AA × Fail

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 53.4478, 0.2414, 0.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

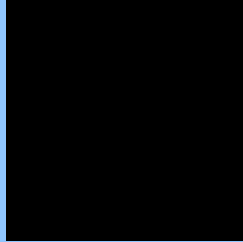
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

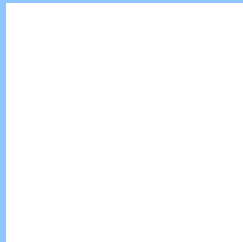
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4478, 0.2414, 0.2603

Background



This preview shows how black text looks on a background with the Yxy color 53.4478, 0.2414, 0.2603.



This preview shows how white text looks on a background with the Yxy color 53.4478, 0.2414, 0.2603.

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

53.4478, 0.2414, 0.2603

Protanopia

53.0136, 0.2634, 0.2603

Deuteranopia

53.2770, 0.2593, 0.2541



Tritanopia

53.3927, 0.2546, 0.3067

Trichromacy



Original Color

53.4478, 0.2414, 0.2603

Protanomaly

53.1043, 0.2550, 0.2605

Deuteranomaly

53.2524, 0.2523, 0.2563

Tritanomaly

53.4426, 0.2500, 0.2896

Monochromacy



Original Color

53.4478, 0.2414, 0.2603

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2234, 0.2831, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4478, 0.2414, 0.2603 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(143, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.4478, 0.2414, 0.2603 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(143, 198, 255) }
```

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

```
.border{ border-color:rgb(143, 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(143, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4478, 0.2414, 0.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 198, 255) }
```

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

```
.background{ background-color: rgb(143,  
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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