

Converting Colors

Yxy(53.8023, 0.2432, 0.2608)

Have a look what the booklet for
Yxy(53.8023, 0.2432, 0.2608)
contains.

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Color

Yxy(53.7192, 0.2430, 0.2606)

Conversions

Conversions Part 1

Format	Color
Hex	92C6FF
RGB	146, 198, 255
RGB Percent	57%, 78%, 100%
CMY	0.4276, 0.2235, 0.0000
CMYK	0.43, 0.22, 0.00, 0.00
HSL	211°, 100%, 79%
HSV	211°, 43%, 100%
XYZ	50.0912, 53.7192, 102.3262
YIQ	188.9500, -49.2890, 6.7030

Conversions

Conversions Part 2

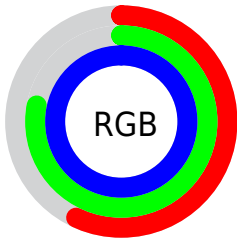
Format	Color
RYB	146, 181, 255
Decimal	9619199
CIELab	78.30, -2.58, -33.32
CIElCh	78, 33.420, 265.567
Yxy	53.7192, 0.2430, 0.2606
Android (android.graphics.Color)	4287809279 (0xFF92C6FF)
YUV	188.9500, 32.5627, -37.6671
Hunter-Lab	73.2934, -6.2704, -31.4705

Details

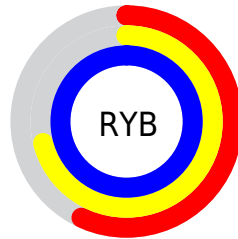
The Yxy color **53.7192, 0.2430, 0.2606** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.0154, 0.3983, 0.3880**, and the grayscale version is **50.6873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **26.1476, 0.2257, 0.2429** is the 20% darker color. If you saturate the color by 10%, you get **45.8131, 0.2269, 0.2410**, and if you desaturate by 10%, it is **62.6864, 0.2596, 0.2791**.

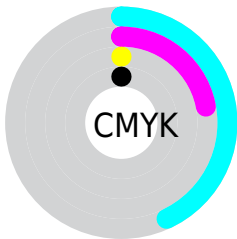
Distribution



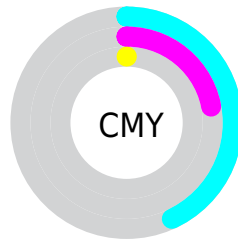
- Red (57%)
- Green (78%)
- Blue (100%)



- Red (57%)
- Yellow (71%)
- Blue (100%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7192, 0.2430, 0.2606 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 53.7192, 0.2430, 0.2606 by changing the saturation by 10% instead.

■ 53.7192, 0.2430,
0.2606

■ 53.7192, 0.2430,
0.2606

401.0383, 0.2760,
0.2933

■ 38.3772, 0.2354,
0.2530

■ 95.6618, 0.2546,
0.2721

■ 26.2756, 0.2259,
0.2435

■ 123.0313, 0.2590,
0.2765

■ 17.0299, 0.2140,
0.2315

155.1786, 0.2629,
0.2803

■ 10.2558, 0.1984,
0.2158

192.4883, 0.2662,
0.2836

■ 5.5689, 0.1776,
0.1946

235.3447, 0.2691,
0.2865

■ 2.5848, 0.1487,
0.1649

284.1323, 0.2717,

■ 0.9190, 0.1077,

0.2890

0.1222

339.2354, 0.2740,
0.2913

0.0000, 0.0000,
0.0000

53.7192, 0.2430,
0.2606

53.7192, 0.2430,
0.2606

45.8131, 0.2269,
0.2410

62.6864, 0.2596,
0.2791

38.9132, 0.2119,
0.2205

72.7536, 0.2763,
0.2961

32.9679, 0.1986,
0.1998

83.9649, 0.2927,
0.3116

27.9167, 0.1875,
0.1795

96.3599, 0.3085,
0.3254

23.6888, 0.1790,
0.1601

99.9993, 0.3127,
0.3290

■ 21.0730, 0.1742,
0.1470

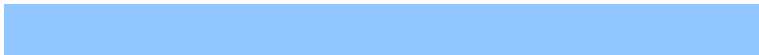
Harmonies

Analogous

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



53.7192, 0.2311, 0.2804



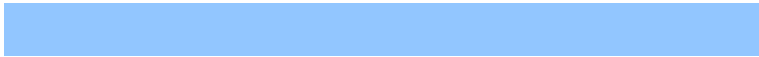
53.7192, 0.2430, 0.2606



53.7192, 0.2727, 0.2585

Triad

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



53.7192, 0.2430, 0.2606



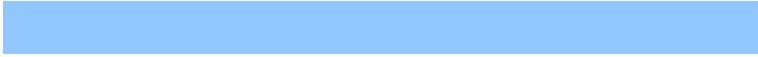
53.7192, 0.3924, 0.3331



53.7192, 0.3053, 0.3966

Complementary

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



53.7192, 0.2430, 0.2606



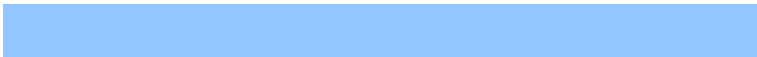
66.0154, 0.3983, 0.3880

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.



53.7192, 0.3493, 0.4096



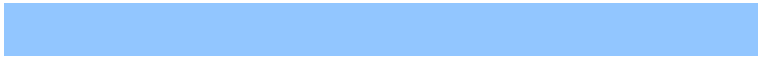
53.7192, 0.2430, 0.2606



53.7192, 0.4015, 0.3686

Square

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



53.7192, 0.2430, 0.2606



53.7192, 0.3599, 0.2989



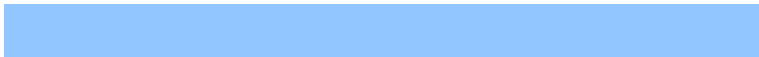
53.7192, 0.3850, 0.3975



53.7192, 0.2652, 0.3606

Rectangle

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



53.7192, 0.2430, 0.2606



53.7192, 0.3002, 0.2661



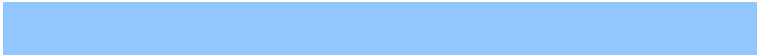
53.7192, 0.3850, 0.3975



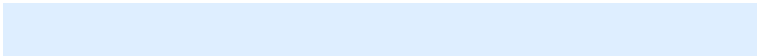
53.7192, 0.3202, 0.4039

Sweetspot

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



53.7212, 0.2430, 0.2606



83.6865, 0.2923, 0.3112



81.8988, 0.2790, 0.3919



17.3625, 0.2887, 0.3079



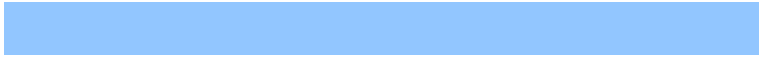
0.0000, 0.0000, 0.0000



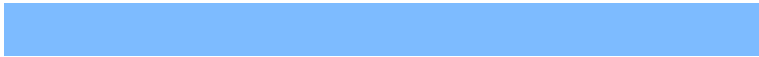
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7212, 0.2430, 0.2606



47.1325, 0.2297, 0.2445



34.0414, 0.2333, 0.1961



18.8084, 0.2979, 0.3162



11.3069, 0.1750, 0.1499



1.3180, 0.1809, 0.1710

Inverse Universe

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



45.8824, 0.3703, 0.2754



39.5040, 0.3870, 0.2657



94.5021, 0.3754, 0.4352



18.1315, 0.3219, 0.3177



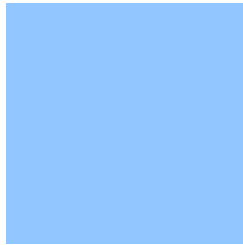
11.8694, 0.5060, 0.2561



1.1776, 0.4794, 0.2414

Previews

White Background



This preview shows how the Yxy color 53.7192, 0.2430, 0.2606 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 53.7192, 0.2430, 0.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

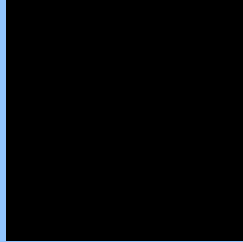
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

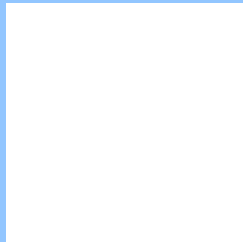
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7192, 0.2430, 0.2606

Background



This preview shows how black text looks on a background with the Yxy color 53.7192, 0.2430, 0.2606.



This preview shows how white text looks on a background with the Yxy color 53.7192, 0.2430, 0.2606.

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

53.7192, 0.2430, 0.2606

Protanopia

53.6287, 0.2636, 0.2606

Deuteranopia

53.3940, 0.2599, 0.2542



Tritanopia

53.6404, 0.2562, 0.3068

Trichromacy



Original Color

53.7192, 0.2430, 0.2606

Protanomaly

53.7188, 0.2553, 0.2608

Deuteranomaly

53.4669, 0.2535, 0.2565

Tritanomaly

53.6997, 0.2517, 0.2897

Monochromacy



Original Color

53.7192, 0.2430, 0.2606

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3876, 0.2832, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7192, 0.2430, 0.2606 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(146, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.7192, 0.2430, 0.2606 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(146, 198, 255) }
```

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

```
.border{ border-color:rgb(146, 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(146, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7192, 0.2430, 0.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 198, 255) }
```

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

```
.background{ background-color: rgb(146,  
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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