

Converting Colors

Yxy(59.0523, 0.2187, 0.2030)

Have a look what the booklet for
Yxy(59.0523, 0.2187, 0.2030)
contains.

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Color

Yxy(53.8279, 0.2461, 0.2599)

Conversions

Conversions Part 1

Format	Color
Hex	98C5FF
RGB	152, 197, 255
RGB Percent	60%, 77%, 100%
CMY	0.4038, 0.2275, 0.0000
CMYK	0.40, 0.23, 0.00, 0.00
HSL	214°, 100%, 80%
HSV	214°, 40%, 100%
XYZ	50.9698, 53.8279, 102.3124
YIQ	190.1570, -45.4380, 8.4980

Conversions

Conversions Part 2

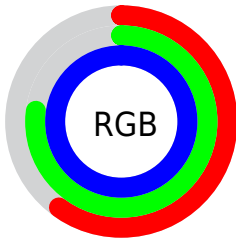
Format	Color
R_{YB}	152, 183, 255
Decimal	10012159
CIE Lab	78.36, -0.51, -33.20
CIE LCh	78, 33.205, 269.121
Yxy	53.8279, 0.2461, 0.2599
Android (android.graphics.Color)	4288202239 (0xFF98C5FF)
YUV	190.1570, 31.9676, -33.4637
Hunter-Lab	73.3675, -4.3858, -31.3238

Details

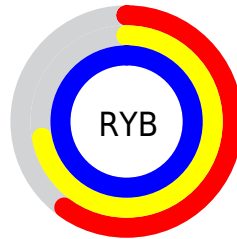
The Yxy color **53.8279, 0.2461, 0.2599** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.6413, 0.3907, 0.3889**, and the grayscale version is **51.4244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6589, 0.2854, 0.3279**, and **26.2089, 0.2295, 0.2422** is the 20% darker color. If you saturate the color by 10%, you get **45.4115, 0.2293, 0.2389**, and if you desaturate by 10%, it is **63.3986, 0.2632, 0.2796**.

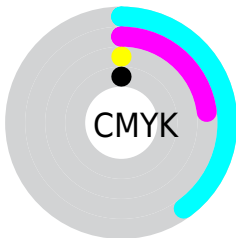
Distribution



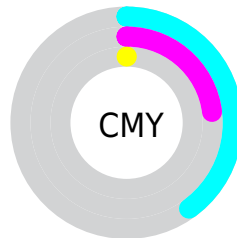
- Red (60%)
- Green (77%)
- Blue (100%)



- Red (60%)
- Yellow (72%)
- Blue (100%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8279, 0.2461, 0.2599 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 53.8279, 0.2461, 0.2599 by changing the saturation by 10% instead.

■ 53.8279, 0.2461,
0.2599

■ 53.8279, 0.2461,
0.2599

401.4534, 0.2777,
0.2928

■ 38.4641, 0.2388,
0.2523

■ 95.8215, 0.2572,
0.2714

■ 26.3431, 0.2297,
0.2428

■ 123.2201, 0.2615,
0.2759

■ 17.0805, 0.2182,
0.2308

155.3991, 0.2651,
0.2797

■ 10.2919, 0.2031,
0.2151

192.7428, 0.2683,
0.2830

■ 5.5929, 0.1829,
0.1940

235.6357, 0.2711,
0.2859

■ 2.5992, 0.1548,
0.1645

284.4622, 0.2736,

■ 0.9262, 0.1144,

0.2885

0.1222

339.6066, 0.2758,
0.2907

0.0000, 0.0000,
0.0000

53.8279, 0.2461,
0.2599

53.8279, 0.2461,
0.2599

45.4115, 0.2293,
0.2389

63.3986, 0.2632,
0.2796

38.0924, 0.2135,
0.2170

74.1659, 0.2801,
0.2976

31.8160, 0.1991,
0.1947

86.1763, 0.2965,
0.3139

26.5197, 0.1869,
0.1729

99.4719, 0.3121,
0.3285

22.1312, 0.1773,
0.1522

100.0000, 0.3127,
0.3290

■ 18.6649, 0.1705,
0.1339

Harmonies

Analogous

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



53.8279, 0.2320, 0.2775



53.8279, 0.2461, 0.2599



53.8279, 0.2775, 0.2598

Triad

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



53.8279, 0.2461, 0.2599



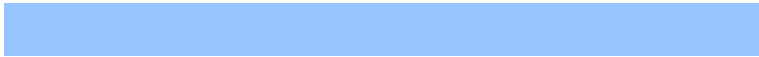
53.8279, 0.3943, 0.3374



53.8279, 0.3003, 0.3928

Complementary

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



53.8279, 0.2461, 0.2599



69.6413, 0.3907, 0.3889

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.



53.8279, 0.3441, 0.4089



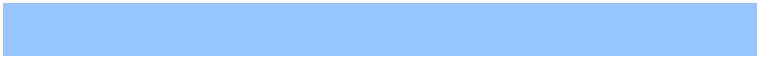
53.8279, 0.2461, 0.2599



53.8279, 0.4002, 0.3723

Square

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



53.8279, 0.2461, 0.2599



53.8279, 0.3643, 0.3029



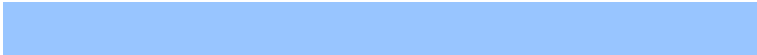
53.8279, 0.3812, 0.3995



53.8279, 0.2615, 0.3553

Rectangle

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



53.8279, 0.2461, 0.2599



53.8279, 0.3055, 0.2686



53.8279, 0.3812, 0.3995



53.8279, 0.3149, 0.4011

Sweetspot

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



53.8298, 0.2461, 0.2599



84.1417, 0.2939, 0.3114



82.7859, 0.2788, 0.3835



17.6643, 0.2918, 0.3093



0.0000, 0.0000, 0.0000



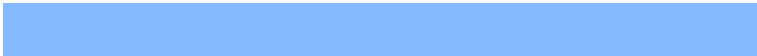
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8298, 0.2461, 0.2599



47.3116, 0.2333, 0.2440



36.8751, 0.2407, 0.2054



18.6827, 0.2979, 0.3152



10.0376, 0.1714, 0.1369



1.1901, 0.1775, 0.1588

Inverse Universe

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



47.7594, 0.3700, 0.2825



41.4729, 0.3862, 0.2741



94.0848, 0.3698, 0.4306



18.1188, 0.3225, 0.3187



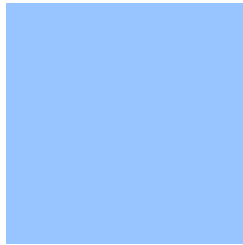
11.7413, 0.5232, 0.2656



1.1647, 0.4946, 0.2498

Previews

White Background



This preview shows how the Yxy color 53.8279, 0.2461, 0.2599 looks on a white background.

Color Contrast Check

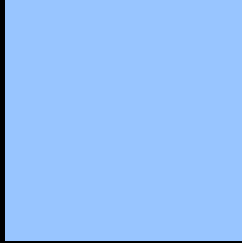
Large Text (above 18pt) WCAG AA × Fail

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 53.8279, 0.2461, 0.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

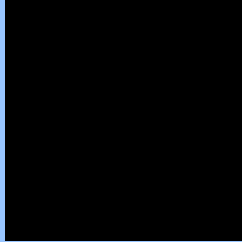
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

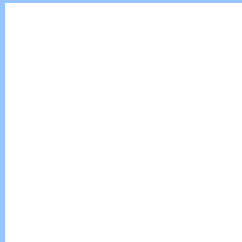
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8279, 0.2461, 0.2599

Background



This preview shows how black text looks on a background with the Yxy color 53.8279, 0.2461, 0.2599.



This preview shows how white text looks on a background with the Yxy color 53.8279, 0.2461, 0.2599.

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

53.8279, 0.2461, 0.2599

Protanopia

53.6916, 0.2630, 0.2596

Deuteranopia

53.5119, 0.2606, 0.2544



Tritanopia

53.7188, 0.2606, 0.3070

Trichromacy



Original Color

53.8279, 0.2461, 0.2599

Protanomaly

53.6032, 0.2570, 0.2599

Deuteranomaly

53.7949, 0.2553, 0.2568

Tritanomaly

53.7675, 0.2548, 0.2888

Monochromacy



Original Color

53.8279, 0.2461, 0.2599

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2251, 0.2848, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8279, 0.2461, 0.2599 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(152, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 197, 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(152, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.8279, 0.2461, 0.2599 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(152, 197, 255) }
```

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

```
.border{ border-color:rgb(152, 197, 255) }
```

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

Here you see how a box with a 4 pixel rgb(152, 197, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8279, 0.2461, 0.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 197, 255) }
```

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

```
.background{ background-color: rgb(152,  
197, 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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