

Converting Colors

Yxy(51.6156, 0.2502, 0.2689)

Have a look what the booklet for
Yxy(51.6156, 0.2502, 0.2689)
contains.

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Color

Yxy(51.4442, 0.2499, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	95C2F3
RGB	149, 194, 243
RGB Percent	58%, 76%, 95%
CMY	0.4158, 0.2392, 0.0470
CMYK	0.39, 0.20, 0.00, 0.05
HSL	211°, 80%, 77%
HSV	211°, 39%, 95%
XYZ	47.8626, 51.4442, 92.2203
YIQ	186.1310, -42.5490, 5.6990

Conversions

Conversions Part 2

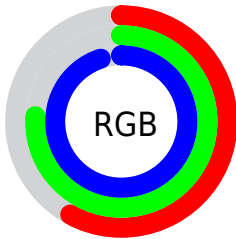
Format	Color
RYB	149, 179, 243
Decimal	9814771
CIELab	76.95, -2.84, -28.97
CIElCh	77, 29.113, 264.396
Yxy	51.4442, 0.2499, 0.2686
Android (android.graphics.Color)	4288004851 (0xFF95C2F3)
YUV	186.1310, 28.0364, -32.5639
Hunter-Lab	71.7246, -6.4030, -26.0252

Details

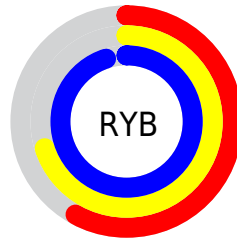
The Yxy color **51.4442, 0.2499, 0.2686** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.6129, 0.3882, 0.3822**, and the grayscale version is **49.0365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7130, 0.2835, 0.3237**, and **25.0173, 0.2340, 0.2533** is the 20% darker color. If you saturate the color by 10%, you get **43.9942, 0.2336, 0.2495**, and if you desaturate by 10%, it is **59.8556, 0.2666, 0.2864**.

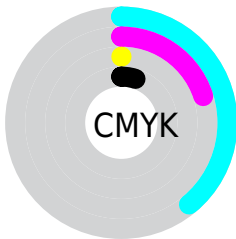
Distribution



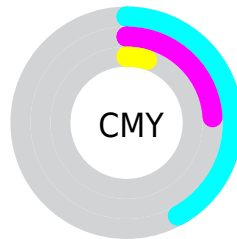
- Red (58%)
- Green (76%)
- Blue (95%)



- Red (58%)
- Yellow (70%)
- Blue (95%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4442, 0.2499, 0.2686 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 51.4442, 0.2499, 0.2686 by changing the saturation by 10% instead.

■ 51.4442, 0.2499,
0.2686

■ 51.4442, 0.2499,
0.2686

392.2871, 0.2800,
0.2978

■ 36.5622, 0.2428,
0.2617

■ 92.3110, 0.2605,
0.2790

■ 24.8687, 0.2340,
0.2530

■ 119.0647, 0.2646,
0.2829

■ 15.9793, 0.2227,
0.2418

150.5444, 0.2681,
0.2863

■ 9.5095, 0.2078,
0.2270

187.1345, 0.2711,
0.2893

■ 5.0750, 0.1875,
0.2066

229.2195, 0.2738,
0.2918

■ 2.2913, 0.1585,
0.1772

277.1836, 0.2761,

■ 0.7691, 0.1138,

0.2941

0.1323

331.4114, 0.2782,
0.2961

■ 0.0000, 0.0000,
0.0000

■ 51.4442, 0.2499,
0.2686

■ 51.4442, 0.2499,
0.2686

■ 43.9942, 0.2336,
0.2495

■ 59.8556, 0.2666,
0.2864

■ 37.4578, 0.2181,
0.2295

■ 69.2613, 0.2831,
0.3027

■ 31.7914, 0.2041,
0.2089

■ 79.6996, 0.2992,
0.3174

■ 26.9441, 0.1921,
0.1885

■ 91.2048, 0.3147,
0.3306

■ 22.8575, 0.1824,
0.1687

■ 99.2526, 0.3197,
0.3405

■ 19.4521, 0.1753,
0.1502

■ 19.0473, 0.1744,
0.1479

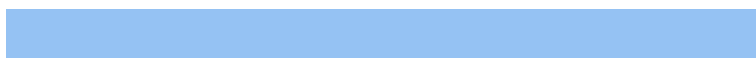
Harmonies

Analogous

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



51.4442, 0.2398, 0.2873



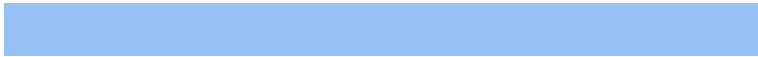
51.4442, 0.2499, 0.2686



51.4442, 0.2761, 0.2658

Triad

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



51.4442, 0.2499, 0.2686



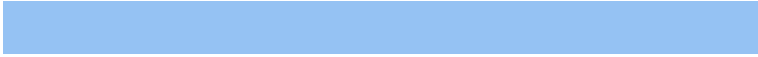
51.4442, 0.3822, 0.3318



51.4442, 0.3080, 0.3891

Complementary

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



51.4442, 0.2499, 0.2686



61.6129, 0.3882, 0.3822

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.



51.4442, 0.3469, 0.4000



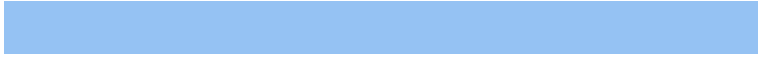
51.4442, 0.2499, 0.2686



51.4442, 0.3913, 0.3636

Square

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



51.4442, 0.2499, 0.2686



51.4442, 0.3530, 0.3012



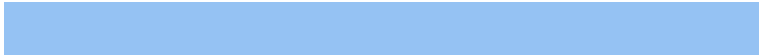
51.4442, 0.3778, 0.3892



51.4442, 0.2719, 0.3583

Rectangle

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



51.4442, 0.2499, 0.2686



51.4442, 0.3003, 0.2722



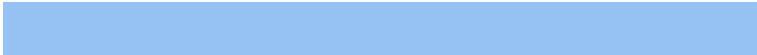
51.4442, 0.3778, 0.3892



51.4442, 0.3212, 0.3952

Sweetspot

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



51.4462, 0.2499, 0.2686



84.8945, 0.2939, 0.3127



74.5607, 0.2816, 0.3847



17.8412, 0.2918, 0.3108



0.0000, 0.0000, 0.0000



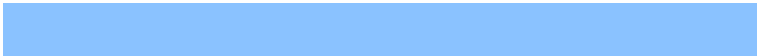
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4462, 0.2499, 0.2686



51.1211, 0.2377, 0.2546



34.4945, 0.2422, 0.2110



17.2359, 0.2980, 0.3163



10.7181, 0.1752, 0.1507



1.1466, 0.1817, 0.1739

Inverse Universe

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



44.4410, 0.3625, 0.2804



43.2400, 0.3765, 0.2713



85.0669, 0.3697, 0.4255



16.6147, 0.3218, 0.3177



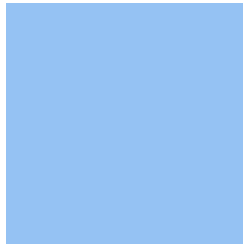
11.1814, 0.5050, 0.2556



1.0034, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 51.4442, 0.2499, 0.2686 looks on a white background.

Color Contrast Check

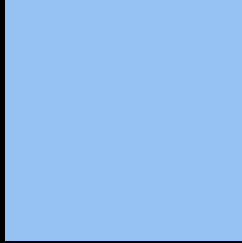
Large Text (above 18pt) WCAG AA × Fail

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 51.4442, 0.2499, 0.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

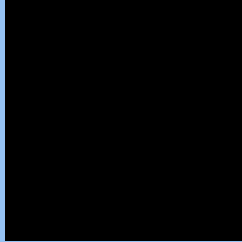
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

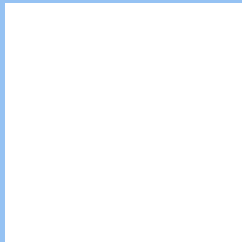
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4442, 0.2499, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 51.4442, 0.2499, 0.2686.



This preview shows how white text looks on a background with the Yxy color 51.4442, 0.2499, 0.2686.

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

51.4442, 0.2499, 0.2686

Protanopia

51.0608, 0.2696, 0.2681

Deuteranopia

51.1754, 0.2659, 0.2597



Tritanopia

51.5039, 0.2621, 0.3079

Trichromacy



Original Color

51.4442, 0.2499, 0.2686

Protanomaly

51.3337, 0.2620, 0.2686

Deuteranomaly

51.1423, 0.2596, 0.2631

Tritanomaly

51.3885, 0.2579, 0.2930

Monochromacy



Original Color

51.4442, 0.2499, 0.2686

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7844, 0.2871, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4442, 0.2499, 0.2686 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(149, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 194, 243)  
}
```

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(149, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 194, 243) }
```

Border

The CSS property to change the border of an element to Yxy 51.4442, 0.2499, 0.2686 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(149, 194, 243) }
```

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

```
.border{ border-color:rgb(149, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 194,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4442, 0.2499, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 194, 243) }
```

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

```
.background{ background-color: rgb(149,  
194, 243) }
```

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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