

Converting Colors

Yxy(51.8445, 0.2481, 0.2618)

Have a look what the booklet for
Yxy(51.8445, 0.2481, 0.2618)
contains.

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Color

Yxy(52.0024, 0.2480, 0.2623)

Conversions

Conversions Part 1

Format	Color
Hex	97C2F9
RGB	151, 194, 249
RGB Percent	59%, 76%, 98%
CMY	0.4075, 0.2393, 0.0234
CMYK	0.39, 0.22, 0.00, 0.02
HSL	214°, 89%, 78%
HSV	214°, 39%, 98%
XYZ	49.1673, 52.0024, 97.0857
YIQ	187.4130, -43.2830, 7.9890

Conversions

Conversions Part 2

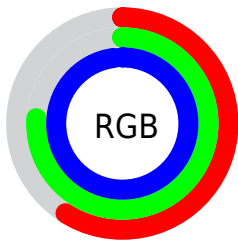
Format	Color
R _Y B	151, 181, 249
Decimal	9945849
CIE Lab	77.28, -0.70, -31.67
CIE LCh	77, 31.675, 268.725
Yxy	52.0024, 0.2480, 0.2623
Android (android.graphics.Color)	4288135929 (0xFF97C2F9)
YUV	187.4130, 30.3624, -31.9342
Hunter-Lab	72.1127, -4.4936, -29.3435

Details

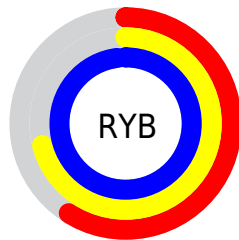
The Yxy color **52.0024, 0.2480, 0.2623** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.5854, 0.3882, 0.3871**, and the grayscale version is **49.7933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0011, 0.2846, 0.3237**, and **25.3423, 0.2323, 0.2467** is the 20% darker color. If you saturate the color by 10%, you get **43.9280, 0.2312, 0.2415**, and if you desaturate by 10%, it is **61.1708, 0.2651, 0.2817**.

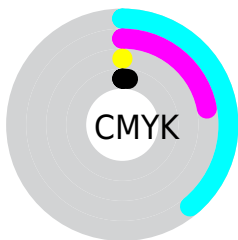
Distribution



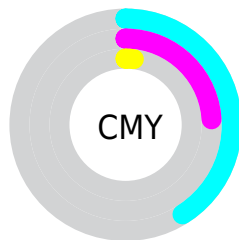
- Red (59%)
- Green (76%)
- Blue (98%)



- Red (59%)
- Yellow (71%)
- Blue (98%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (41%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0024, 0.2480, 0.2623 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 52.0024, 0.2480, 0.2623 by changing the saturation by 10% instead.


 52.0024, 0.2480,
0.2623

 52.0024, 0.2480,
0.2623


394.4459, 0.2790,
0.2943

 37.0070, 0.2408,
0.2548


 93.1348, 0.2589,
0.2736

 25.2129, 0.2317,
0.2455


 120.0405, 0.2631,
0.2779

 16.2357, 0.2203,
0.2335


151.6852, 0.2667,
0.2816

 9.6911, 0.2052,
0.2179

188.4532, 0.2698,
0.2848

 5.1946, 0.1848,
0.1966

230.7288, 0.2725,
0.2877

 2.3619, 0.1559,
0.1665

278.8965, 0.2749,

 0.8062, 0.1136,

0.2901

0.1222

333.3408, 0.2771,
0.2923

0.0000, 0.0000,
0.0000

52.0024, 0.2480,
0.2623

52.0024, 0.2480,
0.2623

43.9280, 0.2312,
0.2415

61.1708, 0.2651,
0.2817

36.8935, 0.2152,
0.2198

71.4717, 0.2819,
0.2995

30.8484, 0.2007,
0.1976

82.9492, 0.2982,
0.3156

25.7345, 0.1883,
0.1757

95.6425, 0.3137,
0.3299

21.4850, 0.1784,
0.1549

99.6209, 0.3162,
0.3347

■ 18.0058, 0.1712,
0.1358

■ 17.7929, 0.1707,
0.1345

Harmonies

Analogous

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



52.0024, 0.2346, 0.2797



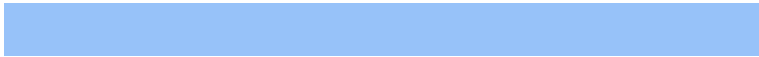
52.0024, 0.2480, 0.2623



52.0024, 0.2783, 0.2619

Triad

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



52.0024, 0.2480, 0.2623



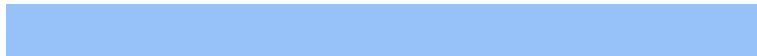
52.0024, 0.3911, 0.3368



52.0024, 0.3013, 0.3908

Complementary

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



52.0024, 0.2480, 0.2623



66.5854, 0.3882, 0.3871

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.



52.0024, 0.3437, 0.4060



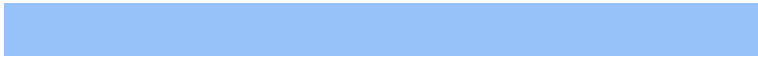
52.0024, 0.2480, 0.2623



52.0024, 0.3973, 0.3706

Square

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



52.0024, 0.2480, 0.2623



52.0024, 0.3620, 0.3034



52.0024, 0.3792, 0.3969



52.0024, 0.2637, 0.3549

Rectangle

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



52.0024, 0.2480, 0.2623



52.0024, 0.3052, 0.2703



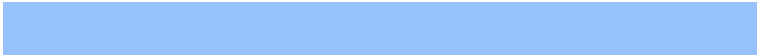
52.0024, 0.3792, 0.3969



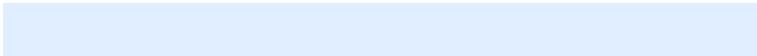
52.0024, 0.3155, 0.3986

Sweetspot

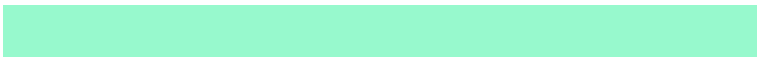
The Sweet Spot groups the original color and five complimentary colors.



52.0044, 0.2480, 0.2623



84.1654, 0.2939, 0.3114



78.7582, 0.2795, 0.3817



17.6699, 0.2918, 0.3094



0.0000, 0.0000, 0.0000



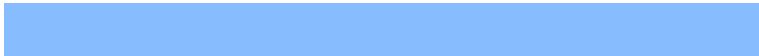
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0044, 0.2480, 0.2623



48.1974, 0.2350, 0.2463



36.0690, 0.2430, 0.2093



17.8939, 0.2979, 0.3153



9.7940, 0.1715, 0.1375



1.1140, 0.1779, 0.1605

Inverse Universe

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



46.1997, 0.3677, 0.2836



42.2453, 0.3838, 0.2750



89.2578, 0.3683, 0.4279



17.3515, 0.3225, 0.3187



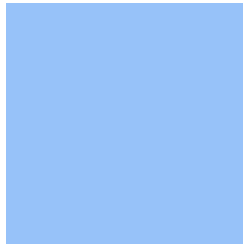
11.3996, 0.5225, 0.2652



1.0767, 0.4925, 0.2487

Previews

White Background



This preview shows how the Yxy color 52.0024, 0.2480, 0.2623 looks on a white background.

Color Contrast Check

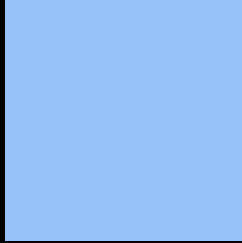
Large Text (above 18pt) WCAG AA × Fail

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 52.0024, 0.2480, 0.2623 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

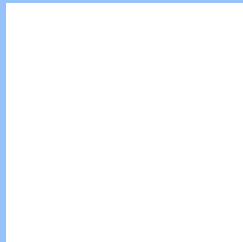
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0024, 0.2480, 0.2623

Background



This preview shows how black text looks on a background with the Yxy color 52.0024, 0.2480, 0.2623.



This preview shows how white text looks on a background with the Yxy color 52.0024, 0.2480, 0.2623.

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

52.0024, 0.2480, 0.2623

Protanopia

51.7891, 0.2648, 0.2619

Deuteranopia

51.6729, 0.2617, 0.2555



Tritanopia

52.1061, 0.2623, 0.3080

Trichromacy



Original Color

52.0024, 0.2480, 0.2623

Protanomaly

51.6962, 0.2586, 0.2622

Deuteranomaly

51.9445, 0.2564, 0.2580

Tritanomaly

52.1006, 0.2570, 0.2908

Monochromacy



Original Color

52.0024, 0.2480, 0.2623

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4787, 0.2858, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0024, 0.2480, 0.2623 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(151, 194, 249)` looks like.

```
.text, #text, p{  
    color:rgb(151, 194, 249)  
}
```

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(151, 194, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 194, 249) }
```

Border

The CSS property to change the border of an element to Yxy 52.0024, 0.2480, 0.2623 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(151, 194, 249) }
```

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

```
.border{ border-color:rgb(151, 194, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 194, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 194, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 194, 249); box-shadow:4px 4px 4px 4px rgb(151, 194, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0024, 0.2480, 0.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 194, 249) }
```

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

```
.background{ background-color: rgb(151,  
194, 249) }
```

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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