

Converting Colors

$Y_{xy}(54.1936, 0.2502, 0.2784)$

Have a look what the booklet for
Yxy(54.1936, 0.2502, 0.2784)
contains.

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Color

Yxy(54.2951, 0.2501, 0.2785)

Conversions

Conversions Part 1

Format	Color
Hex	92C9F2
RGB	146, 201, 242
RGB Percent	57%, 79%, 95%
CMY	0.4277, 0.2117, 0.0510
CMYK	0.40, 0.17, 0.00, 0.05
HSL	206°, 79%, 76%
HSV	206°, 40%, 95%
XYZ	48.7584, 54.2951, 91.9020
YIQ	189.2290, -45.9410, 1.0910

Conversions

Conversions Part 2

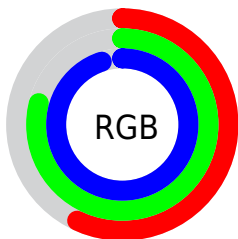
Format	Color
RYB	146, 181, 242
Decimal	9619954
CIELab	78.63, -7.64, -25.85
CIELCh	79, 26.956, 253.524
Yxy	54.2951, 0.2501, 0.2785
Android (android.graphics.Color)	4287810034 (0xFF92C9F2)
YUV	189.2290, 26.0161, -37.9118
Hunter-Lab	73.6852, -10.8336, -22.3683

Details

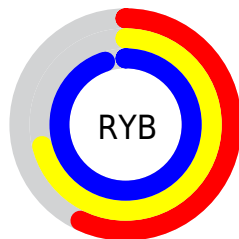
The Yxy color **54.2951, 0.2501, 0.2785** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.4535, 0.3945, 0.3740**, and the grayscale version is **50.8897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **26.6368, 0.2347, 0.2648** is the 20% darker color. If you saturate the color by 10%, you get **47.6574, 0.2350, 0.2630**, and if you desaturate by 10%, it is **61.7297, 0.2658, 0.2930**.

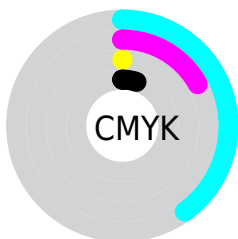
Distribution



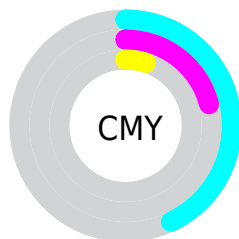
- Red (57%)
- Green (79%)
- Blue (95%)



- Red (57%)
- Yellow (71%)
- Blue (95%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2951, 0.2501, 0.2785 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 54.2951, 0.2501, 0.2785 by changing the saturation by 10% instead.

■ 54.2951, 0.2501,
0.2785

■ 54.2951, 0.2501,
0.2785

403.2343, 0.2798,
0.3031

■ 38.8376, 0.2432,
0.2726

■ 96.5074, 0.2605,
0.2872

■ 26.6334, 0.2346,
0.2653

■ 124.0310, 0.2646,
0.2906

■ 17.2981, 0.2236,
0.2557

156.3455, 0.2680,
0.2934

■ 10.4473, 0.2092,
0.2430

193.8352, 0.2710,
0.2959

■ 5.6965, 0.1897,
0.2254

236.8845, 0.2736,
0.2980

■ 2.6614, 0.1619,
0.1994

285.8779, 0.2759,

■ 0.9576, 0.1199,

0.2999

0.1591

341.1997, 0.2780,
0.3016

0.0000, 0.0000,
0.0000

54.2951, 0.2501,
0.2785

54.2951, 0.2501,
0.2785

47.6574, 0.2350,
0.2630

61.7297, 0.2658,
0.2930

41.7742, 0.2210,
0.2468

69.9883, 0.2818,
0.3063

36.6077, 0.2086,
0.2301

79.1042, 0.2977,
0.3184

32.1132, 0.1981,
0.2133

89.1065, 0.3132,
0.3293

28.2385, 0.1898,
0.1968

97.6877, 0.3205,
0.3393

■ 24.9031, 0.1836,
0.1809

■ 99.1899, 0.3203,
0.3415

■ 24.8048, 0.1835,
0.1804

Harmonies

Analogous

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



54.2951, 0.2467, 0.3008



54.2951, 0.2501, 0.2785



54.2951, 0.2692, 0.2705

Triad

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



54.2951, 0.2501, 0.2785



54.2951, 0.3680, 0.3212



54.2951, 0.3217, 0.3892

Complementary

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



54.2951, 0.2501, 0.2785



56.4535, 0.3945, 0.3740

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.



54.2951, 0.3556, 0.3920



54.2951, 0.2501, 0.2785



54.2951, 0.3836, 0.3507

Square

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



54.2951, 0.2501, 0.2785



54.2951, 0.3369, 0.2948



54.2951, 0.3787, 0.3768



54.2951, 0.2867, 0.3671

Rectangle

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



54.2951, 0.2501, 0.2785



54.2951, 0.2890, 0.2731



54.2951, 0.3787, 0.3768



54.2951, 0.3336, 0.3924

Sweetspot

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



54.2972, 0.2501, 0.2785



86.6036, 0.2940, 0.3157



73.1453, 0.2860, 0.3989



18.2434, 0.2919, 0.3141



0.0000, 0.0000, 0.0000



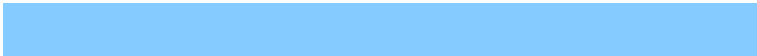
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2972, 0.2501, 0.2785



54.7846, 0.2373, 0.2655



35.6111, 0.2406, 0.2174



16.7338, 0.2980, 0.3187



13.6038, 0.1842, 0.1830



1.3286, 0.1900, 0.2040

Inverse Universe

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



43.6342, 0.3551, 0.2698



42.2273, 0.3681, 0.2577



79.7838, 0.3752, 0.4203



15.9108, 0.3203, 0.3155



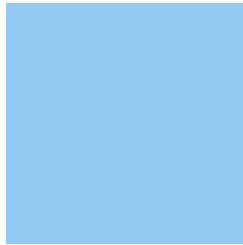
11.1667, 0.4649, 0.2335



0.9488, 0.4407, 0.2202

Previews

White Background



This preview shows how the Yxy color 54.2951, 0.2501, 0.2785 looks on a white background.

Color Contrast Check

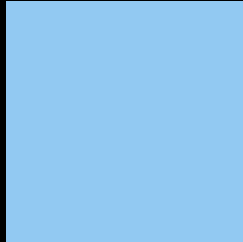
Large Text (above 18pt) WCAG AA × Fail

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 54.2951, 0.2501, 0.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

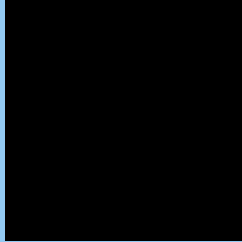
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

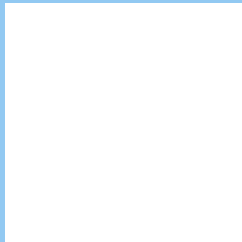
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2951, 0.2501, 0.2785

Background



This preview shows how black text looks on a background with the Yxy color 54.2951, 0.2501, 0.2785.



This preview shows how white text looks on a background with the Yxy color 54.2951, 0.2501, 0.2785.

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

54.2951, 0.2501, 0.2785

Protanopia

53.9457, 0.2762, 0.2772

Deuteranopia

53.9234, 0.2731, 0.2666



Tritanopia

54.4586, 0.2587, 0.3083

Trichromacy



Original Color

54.2951, 0.2501, 0.2785

Protanomaly

53.7493, 0.2658, 0.2773

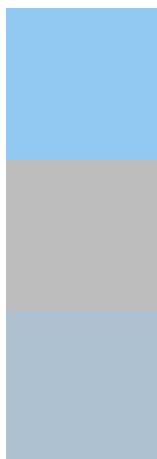
Deuteranomaly

53.8253, 0.2641, 0.2709

Tritanomaly

54.5937, 0.2553, 0.2972

Monochromacy



Original Color

54.2951, 0.2501, 0.2785

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5782, 0.2866, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2951, 0.2501, 0.2785 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, 201, 242)` looks like.

```
.text, #text, p{  
    color:rgb(146, 201, 242)  
}
```

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, 201, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 201, 242) }
```

Border

The CSS property to change the border of an element to Yxy 54.2951, 0.2501, 0.2785 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, 201, 242) }
```

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

```
.border{ border-color:rgb(146, 201, 242) }
```

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

Here you see how a box with a 4 pixel rgb(146, 201, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 201, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 201, 242);  
box-shadow:4px 4px 4px 4px rgb(146, 201,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2951, 0.2501, 0.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 201, 242) }
```

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

```
.background{ background-color: rgb(146,  
201, 242) }
```

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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