

Converting Colors

Yxy(51.1943, 0.2634, 0.2748)

Have a look what the booklet for
Yxy(51.1943, 0.2634, 0.2748)
contains.

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Color

Yxy(51.2591, 0.2638, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	A5BFEB
RGB	165, 191, 235
RGB Percent	65%, 75%, 92%
CMY	0.3527, 0.2510, 0.0783
CMYK	0.30, 0.19, 0.00, 0.08
HSL	218°, 64%, 78%
HSV	218°, 30%, 92%
XYZ	49.1536, 51.2591, 85.9163
YIQ	188.2420, -29.6200, 8.1720

Conversions

Conversions Part 2

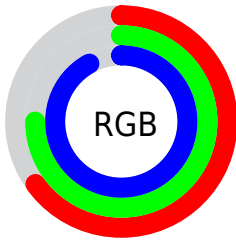
Format	Color
R _Y B	165, 184, 235
Decimal	10862571
CIE Lab	76.84, 1.18, -24.75
CIE LCh	77, 24.781, 272.736
Yxy	51.2591, 0.2638, 0.2751
Android (android.graphics.Color)	4289052651 (0xFFA5BFEB)
YUV	188.2420, 23.0517, -20.3832
Hunter-Lab	71.5955, -2.7436, -21.0326

Details

The Yxy color **51.2591, 0.2638, 0.2751** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.0287, 0.3652, 0.3775**, and the grayscale version is **50.3197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1137, 0.2921, 0.3208**, and **24.8111, 0.2509, 0.2618** is the 20% darker color. If you saturate the color by 10%, you get **42.8388, 0.2462, 0.2532**, and if you desaturate by 10%, it is **60.7981, 0.2811, 0.2952**.

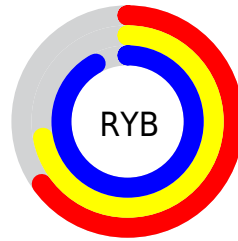
Distribution



Red (65%)

Green (75%)

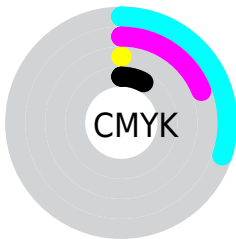
Blue (92%)



Red (65%)

Yellow (72%)

Blue (92%)

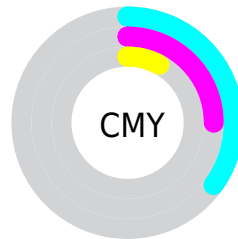


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (25%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2591, 0.2638, 0.2751 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 51.2591, 0.2638, 0.2751 by changing the saturation by 10% instead.

■ 51.2591, 0.2638,
0.2751

■ 51.2591, 0.2638,
0.2751

■ 391.5696, 0.2875,
0.3011

■ 36.4149, 0.2581,
0.2689

■ 92.0377, 0.2722,
0.2843

■ 24.7548, 0.2510,
0.2612

■ 118.7407, 0.2754,
0.2879

■ 15.8944, 0.2419,
0.2512

■ 150.1656, 0.2782,
0.2909

■ 9.4495, 0.2296,
0.2378

■ 186.6965, 0.2806,
0.2935

■ 5.0355, 0.2125,
0.2193

■ 228.7180, 0.2826,
0.2958

■ 2.2681, 0.1872,
0.1921

■ 276.6144, 0.2845,

■ 0.7568, 0.1469,

0.2978

0.1486

330.7702, 0.2861,
0.2996

0.0000, 0.0000,
0.0000

51.2591, 0.2638,
0.2751

51.2591, 0.2638,
0.2751

42.8388, 0.2462,
0.2532

60.7981, 0.2811,
0.2952

35.4865, 0.2286,
0.2299

71.4915, 0.2975,
0.3132

29.1562, 0.2118,
0.2055

83.3810, 0.3131,
0.3293

23.7957, 0.1965,
0.1810

95.7253, 0.3248,
0.3437

19.3471, 0.1833,
0.1572

98.7794, 0.3244,
0.3483

■ 15.7446, 0.1730,
0.1352

■ 12.8926, 0.1655,
0.1157

■ 12.8340, 0.1654,
0.1152

Harmonies

Analogous

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



51.2591, 0.2509, 0.2878



51.2591, 0.2638, 0.2751



51.2591, 0.2897, 0.2761

Triad

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



51.2591, 0.2638, 0.2751



51.2591, 0.3759, 0.3396



51.2591, 0.2998, 0.3738

Complementary

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



51.2591, 0.2638, 0.2751



66.0287, 0.3652, 0.3775

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.



51.2591, 0.3333, 0.3884



51.2591, 0.2638, 0.2751



51.2591, 0.3784, 0.3660

Square

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



51.2591, 0.2638, 0.2751



51.2591, 0.3553, 0.3122



51.2591, 0.3624, 0.3846



51.2591, 0.2708, 0.3451

Rectangle

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



51.2591, 0.2638, 0.2751



51.2591, 0.3117, 0.2839



51.2591, 0.3624, 0.3846



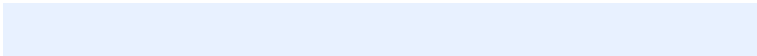
51.2591, 0.3109, 0.3806

Sweetspot

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



51.2611, 0.2638, 0.2751



87.0325, 0.2987, 0.3145



71.9984, 0.2842, 0.3611



18.2037, 0.2964, 0.3120



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.



51.2611, 0.2638, 0.2751



55.0629, 0.2525, 0.2613



41.8384, 0.2662, 0.2434



15.4634, 0.2980, 0.3138



7.3653, 0.1662, 0.1181



0.7571, 0.1738, 0.1458

Inverse Universe

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



48.3569, 0.3547, 0.3002



51.5671, 0.3673, 0.2937



78.4558, 0.3517, 0.4049



15.1464, 0.3235, 0.3203



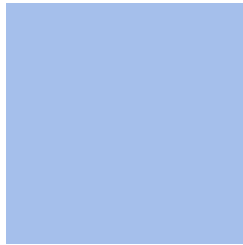
10.2363, 0.5493, 0.2800



0.8218, 0.5114, 0.2591

Previews

White Background



This preview shows how the Yxy color 51.2591, 0.2638, 0.2751 looks on a white background.

Color Contrast Check

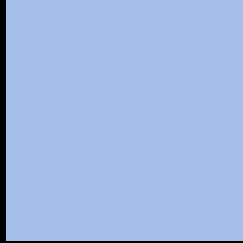
Large Text (above 18pt) WCAG AA × Fail

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 51.2591, 0.2638, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

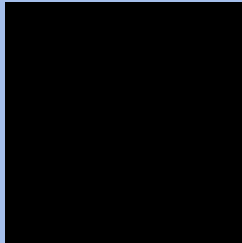
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

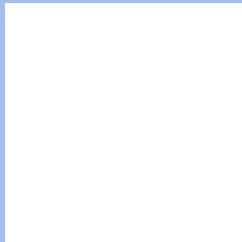
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2591, 0.2638, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 51.2591, 0.2638, 0.2751.



This preview shows how white text looks on a background with the Yxy color 51.2591, 0.2638, 0.2751.

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

51.2591, 0.2638, 0.2751

Protanopia

51.0075, 0.2741, 0.2738

Deuteranopia

51.3643, 0.2757, 0.2699



Tritanopia

51.2069, 0.2756, 0.3083

Trichromacy



Original Color

51.2591, 0.2638, 0.2751

Protanomaly

50.9056, 0.2701, 0.2734

Deuteranomaly

51.3697, 0.2709, 0.2715

Tritanomaly

51.4323, 0.2712, 0.2961

Monochromacy



Original Color

51.2591, 0.2638, 0.2751

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5063, 0.2938, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2591, 0.2638, 0.2751 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(165, 191, 235)` looks like.

```
.text, #text, p{  
    color:rgb(165, 191, 235)  
}
```

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(165, 191, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 191, 235) }
```

Border

The CSS property to change the border of an element to Yxy 51.2591, 0.2638, 0.2751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

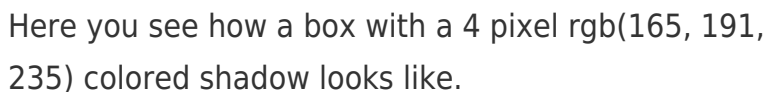
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 191, 235) }
```

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

```
.border{ border-color:rgb(165, 191, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 191, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 191, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 191, 235); box-shadow:4px 4px 4px 4px rgb(165, 191, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2591, 0.2638, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 191, 235) }
```

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

```
.background{ background-color: rgb(165,  
191, 235) }
```

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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