

Converting Colors

$Yxy(52.1459, 0.2531, 0.2619)$

Have a look what the booklet for
Yxy(52.1459, 0.2531, 0.2619)
contains.

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Color

Yxy(51.9502, 0.2534, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	A0C0F8
RGB	160, 192, 248
RGB Percent	63%, 75%, 97%
CMY	0.3728, 0.2470, 0.0274
CMYK	0.36, 0.23, 0.00, 0.03
HSL	218°, 86%, 80%
HSV	218°, 36%, 97%
XYZ	50.2833, 51.9502, 96.2011
YIQ	188.8160, -37.0480, 10.6320

Conversions

Conversions Part 2

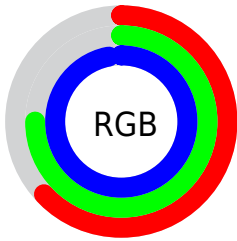
Format	Color
R _Y B	160, 183, 248
Decimal	10535160
CIE Lab	77.25, 2.44, -31.13
CIE LCh	77, 31.231, 274.489
Yxy	51.9502, 0.2534, 0.2618
Android (android.graphics.Color)	4288725240 (0xFFA0C0F8)
YUV	188.8160, 29.1777, -25.2716
Hunter-Lab	72.0765, -1.6053, -28.6814

Details

The Yxy color **51.9502, 0.2534, 0.2618** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.5812, 0.3771, 0.3878**, and the grayscale version is **50.6201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1065, 0.2897, 0.3218**, and **25.2301, 0.2385, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **43.0879, 0.2356, 0.2387**, and if you desaturate by 10%, it is **62.0684, 0.2710, 0.2832**.

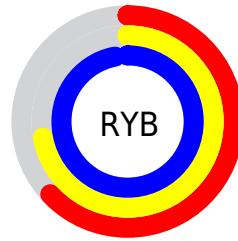
Distribution



Red (63%)

Green (75%)

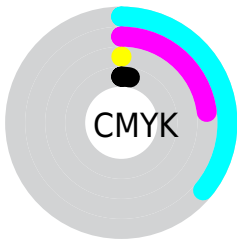
Blue (97%)



Red (63%)

Yellow (72%)

Blue (97%)

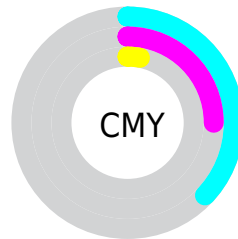


Cyan (36%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (37%)

Magenta (25%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9502, 0.2534, 0.2618 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 51.9502, 0.2534, 0.2618 by changing the saturation by 10% instead.

■ 51.9502, 0.2534,
0.2618

■ 51.9502, 0.2534,
0.2618

■ 394.2443, 0.2819,
0.2939

■ 36.9654, 0.2467,
0.2543

■ 93.0578, 0.2635,
0.2731

■ 25.1807, 0.2383,
0.2450

■ 119.9494, 0.2673,
0.2774

■ 16.2117, 0.2276,
0.2331

■ 151.5786, 0.2706,
0.2811

■ 9.6741, 0.2135,
0.2176

■ 188.3300, 0.2735,
0.2844

■ 5.1834, 0.1942,
0.1965

■ 230.5878, 0.2760,
0.2872

■ 2.3553, 0.1666,
0.1667

■ 278.7366, 0.2782,

■ 0.8027, 0.1257,

0.2897

0.1227

333.1606, 0.2802,
0.2919

0.0000, 0.0000,
0.0000

51.9502, 0.2534,
0.2618

51.9502, 0.2534,
0.2618

43.0879, 0.2356,
0.2387

62.0684, 0.2710,
0.2832

35.4217, 0.2183,
0.2143

73.4868, 0.2881,
0.3027

28.8955, 0.2021,
0.1895

86.2546, 0.3043,
0.3202

23.4453, 0.1879,
0.1650

99.5587, 0.3168,
0.3357

18.9991, 0.1763,
0.1420

■ 15.4728, 0.1678,
0.1213

■ 14.1446, 0.1647,
0.1129

Harmonies

Analogous

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



51.9502, 0.2367, 0.2758



51.9502, 0.2534, 0.2618



51.9502, 0.2860, 0.2644

Triad

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



51.9502, 0.2534, 0.2618



51.9502, 0.3931, 0.3433



51.9502, 0.2937, 0.3843

Complementary

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



51.9502, 0.2534, 0.2618



71.5812, 0.3771, 0.3878

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.



51.9502, 0.3355, 0.4039



51.9502, 0.2534, 0.2618



51.9502, 0.3944, 0.3760

Square

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



51.9502, 0.2534, 0.2618



51.9502, 0.3682, 0.3097



51.9502, 0.3727, 0.3993



51.9502, 0.2586, 0.3466

Rectangle

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



51.9502, 0.2534, 0.2618



51.9502, 0.3136, 0.2745



51.9502, 0.3727, 0.3993



51.9502, 0.3074, 0.3935

Sweetspot

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



51.9522, 0.2534, 0.2618



84.2064, 0.2955, 0.3108



79.5595, 0.2785, 0.3668



17.6335, 0.2933, 0.3084



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.



51.9522, 0.2534, 0.2618



48.0864, 0.2400, 0.2445



40.6347, 0.2562, 0.2241



17.6778, 0.2979, 0.3135



7.8824, 0.1655, 0.1158



0.9239, 0.1721, 0.1394

Inverse Universe

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



48.8880, 0.3667, 0.2949



45.1325, 0.3836, 0.2876



87.5648, 0.3580, 0.4202



17.3297, 0.3236, 0.3204



11.2066, 0.5526, 0.2818



1.0575, 0.5198, 0.2637

Previews

White Background



This preview shows how the Yxy color 51.9502, 0.2534, 0.2618 looks on a white background.

Color Contrast Check

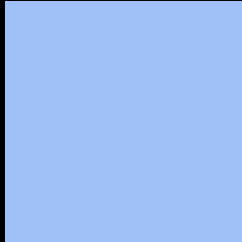
Large Text (above 18pt) WCAG AA × Fail

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 51.9502, 0.2534, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

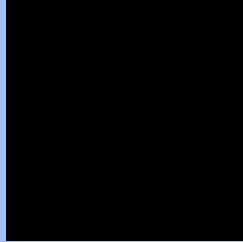
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

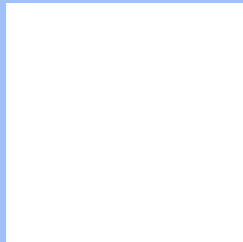
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9502, 0.2534, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 51.9502, 0.2534, 0.2618.



This preview shows how white text looks on a background with the Yxy color 51.9502, 0.2534, 0.2618.

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

51.9502, 0.2534, 0.2618

Protanopia

51.6730, 0.2641, 0.2617

Deuteranopia

51.7273, 0.2630, 0.2567



Tritanopia

51.9186, 0.2688, 0.3082

Trichromacy



Original Color

51.9502, 0.2534, 0.2618

Protanomaly

51.5951, 0.2604, 0.2613

Deuteranomaly

51.8927, 0.2593, 0.2583

Tritanomaly

51.9394, 0.2633, 0.2911

Monochromacy



Original Color

51.9502, 0.2534, 0.2618

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9450, 0.2888, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9502, 0.2534, 0.2618 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(160, 192, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 192, 248)  
}
```

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(160, 192, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 192, 248) }
```

Border

The CSS property to change the border of an element to Yxy 51.9502, 0.2534, 0.2618 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(160, 192, 248) }
```

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

```
.border{ border-color:rgb(160, 192, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 192, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 192, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 192, 248); box-shadow:4px 4px 4px 4px rgb(160, 192, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9502, 0.2534, 0.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 192, 248) }
```

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

```
.background{ background-color: rgb(160,  
192, 248) }
```

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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