

Converting Colors

$Y_{xy}(52.2553, 0.2753, 0.2923)$

Have a look what the booklet for
Yxy(52.2553, 0.2753, 0.2923)
contains.

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Color

Yxy(52.1256, 0.2754, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	ABC1DF
RGB	171, 193, 223
RGB Percent	67%, 76%, 87%
CMY	0.3295, 0.2431, 0.1256
CMYK	0.23, 0.13, 0.00, 0.13
HSL	215°, 45%, 77%
HSV	215°, 23%, 87%
XYZ	49.1791, 52.1256, 77.2687
YIQ	189.8420, -22.7420, 4.6660

Conversions

Conversions Part 2

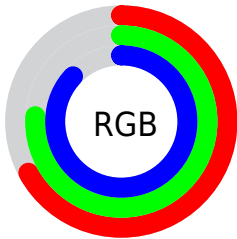
Format	Color
RYB	171, 186, 223
Decimal	11256287
CIELab	77.36, -0.99, -17.43
CIELCh	77, 17.463, 266.751
Yxy	52.1256, 0.2754, 0.2919
Android (android.graphics.Color)	4289446367 (0xFFABC1DF)
YUV	189.8420, 16.3469, -16.5244
Hunter-Lab	72.1981, -4.7578, -12.9155

Details

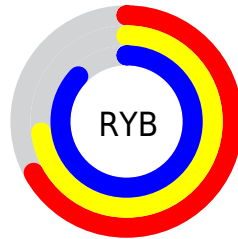
The Yxy color **52.1256, 0.2754, 0.2919** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.3789, 0.3531, 0.3635**, and the grayscale version is **51.3103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3023, 0.2957, 0.3229**, and **25.4349, 0.2656, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **44.3931, 0.2584, 0.2731**, and if you desaturate by 10%, it is **60.7787, 0.2919, 0.3090**.

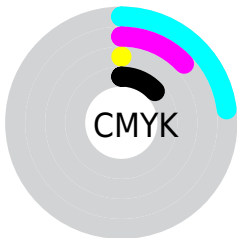
Distribution



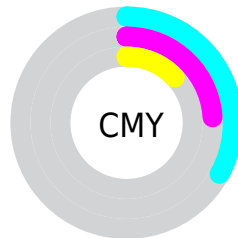
- Red (67%)
- Green (76%)
- Blue (87%)



- Red (67%)
- Yellow (73%)
- Blue (87%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1256, 0.2754, 0.2919 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 52.1256, 0.2754, 0.2919 by changing the saturation by 10% instead.

■ 52.1256, 0.2754,
0.2919

■ 52.1256, 0.2754,
0.2919

394.9213, 0.2935,
0.3100

■ 37.1052, 0.2710,
0.2875

■ 93.3164, 0.2819,
0.2984

■ 25.2890, 0.2656,
0.2820

120.2557, 0.2843,
0.3008

■ 16.2925, 0.2584,
0.2749

151.9366, 0.2864,
0.3029

■ 9.7313, 0.2488,
0.2652

188.7437, 0.2882,
0.3047

■ 5.2212, 0.2352,
0.2514

231.0614, 0.2898,
0.3063

■ 2.3776, 0.2145,
0.2304

279.2739, 0.2912,

■ 0.8143, 0.1794,

0.3077

0.1949

333.7657, 0.2924,
0.3089

0.0000, 0.0000,
0.0000

52.1256, 0.2754,
0.2919

52.1256, 0.2754,
0.2919

44.3931, 0.2584,
0.2731

60.7787, 0.2919,
0.3090

37.5410, 0.2414,
0.2527

70.3777, 0.3077,
0.3243

31.5356, 0.2247,
0.2311

80.9549, 0.3225,
0.3379

26.3378, 0.2091,
0.2087

91.5434, 0.3329,
0.3501

21.9050, 0.1951,
0.1861

98.1068, 0.3316,
0.3602

■ 18.1894, 0.1835,
0.1642

■ 15.1355, 0.1745,
0.1438

■ 13.4127, 0.1698,
0.1312

Harmonies

Analogous

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



52.1256, 0.2682, 0.3033



52.1256, 0.2754, 0.2919



52.1256, 0.2925, 0.2903

Triad

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



52.1256, 0.2754, 0.2919



52.1256, 0.3548, 0.3331



52.1256, 0.3086, 0.3628

Complementary

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



52.1256, 0.2754, 0.2919



60.3789, 0.3531, 0.3635

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.



52.1256, 0.3321, 0.3707



52.1256, 0.2754, 0.2919



52.1256, 0.3593, 0.3523

Square

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



52.1256, 0.2754, 0.2919



52.1256, 0.3385, 0.3136



52.1256, 0.3508, 0.3664



52.1256, 0.2869, 0.3447

Rectangle

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



52.1256, 0.2754, 0.2919



52.1256, 0.3075, 0.2947



52.1256, 0.3508, 0.3664



52.1256, 0.3165, 0.3667

Sweetspot

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



52.1277, 0.2754, 0.2919



90.3804, 0.3019, 0.3188



65.6141, 0.2916, 0.3566



19.1741, 0.3009, 0.3179



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.



52.1277, 0.2754, 0.2919



65.3750, 0.2671, 0.2829



43.4977, 0.2758, 0.2640



14.1929, 0.2981, 0.3151



8.1010, 0.1706, 0.1339



0.7361, 0.1790, 0.1642

Inverse Universe

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



48.6563, 0.3408, 0.3036



60.2221, 0.3485, 0.2980



70.8466, 0.3452, 0.3875



13.7964, 0.3226, 0.3191



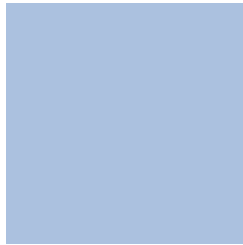
9.7258, 0.5273, 0.2678



0.6918, 0.4879, 0.2461

Previews

White Background



This preview shows how the Yxy color 52.1256, 0.2754, 0.2919 looks on a white background.

Color Contrast Check

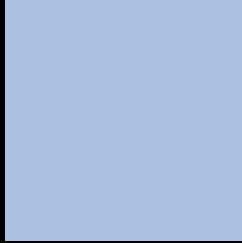
Large Text (above 18pt) WCAG AA × Fail

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 52.1256, 0.2754, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

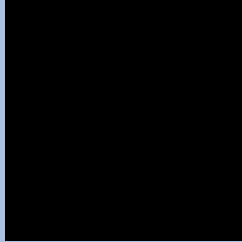
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

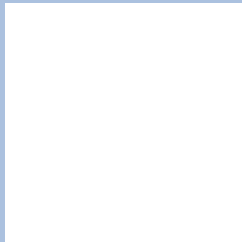
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1256, 0.2754, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 52.1256, 0.2754, 0.2919.



This preview shows how white text looks on a background with the Yxy color 52.1256, 0.2754, 0.2919.

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

52.1256, 0.2754, 0.2919

Protanopia

51.8768, 0.2872, 0.2914

Deuteranopia

51.8371, 0.2903, 0.2839



Tritanopia

52.1684, 0.2819, 0.3087

Trichromacy



Original Color

52.1256, 0.2754, 0.2919

Protanomaly

51.7507, 0.2829, 0.2911

Deuteranomaly

52.0913, 0.2845, 0.2868

Tritanomaly

52.0359, 0.2799, 0.3026

Monochromacy



Original Color

52.1256, 0.2754, 0.2919

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5932, 0.2983, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1256, 0.2754, 0.2919 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(171, 193, 223)` looks like.

```
.text, #text, p{  
    color:rgb(171, 193, 223)  
}
```

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(171, 193, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 193, 223) }
```

Border

The CSS property to change the border of an element to Yxy 52.1256, 0.2754, 0.2919 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(171, 193, 223) }
```

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

```
.border{ border-color:rgb(171, 193, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 193, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 193, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 193, 223);  
box-shadow:4px 4px 4px 4px rgb(171, 193,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1256, 0.2754, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 193, 223) }
```

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

```
.background{ background-color: rgb(171,  
193, 223) }
```

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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