

Converting Colors

$Y_{xy}(52.3295, 0.2614, 0.2659)$

Have a look what the booklet for
Yxy(52.3295, 0.2614, 0.2659)
contains.

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Color

Yxy(52.2283, 0.2612, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	A9BFF4
RGB	169, 191, 244
RGB Percent	66%, 75%, 96%
CMY	0.3371, 0.2510, 0.0432
CMYK	0.31, 0.22, 0.00, 0.04
HSL	222°, 77%, 81%
HSV	222°, 31%, 96%
XYZ	51.3244, 52.2283, 92.9420
YIQ	190.4640, -30.1250, 11.8190

Conversions

Conversions Part 2

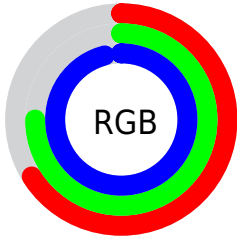
Format	Color
R _Y B	169, 186, 244
Decimal	11124724
CIE Lab	77.42, 4.50, -28.66
CIE LCh	77, 29.007, 278.924
Yxy	52.2283, 0.2612, 0.2658
Android (android.graphics.Color)	4289314804 (0xFFA9BFF4)
YUV	190.4640, 26.3932, -18.8239
Hunter-Lab	72.2691, 0.2969, -25.6617

Details

The Yxy color **52.2283, 0.2612, 0.2658** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.3443, 0.3655, 0.3850**, and the grayscale version is **51.6360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9103, 0.2951, 0.3209**, and **25.4526, 0.2478, 0.2499** is the 20% darker color. If you saturate the color by 10%, you get **42.6932, 0.2427, 0.2409**, and if you desaturate by 10%, it is **63.1568, 0.2791, 0.2887**.

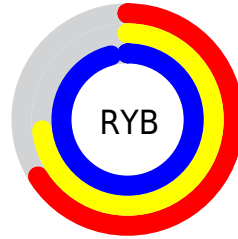
Distribution



Red (66%)

Green (75%)

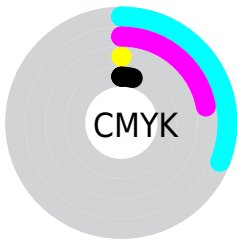
Blue (96%)



Red (66%)

Yellow (73%)

Blue (96%)

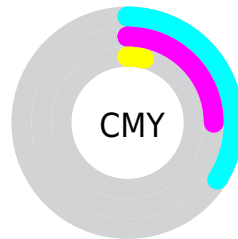


Cyan (31%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (34%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2283, 0.2612, 0.2658 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 52.2283, 0.2612, 0.2658 by changing the saturation by 10% instead.

■ 52.2283, 0.2612,
0.2658

■ 52.2283, 0.2612,
0.2658

■ 395.3173, 0.2861,
0.2959

■ 37.1871, 0.2553,
0.2588

■ 93.4678, 0.2700,
0.2764

■ 25.3524, 0.2479,
0.2500

■ 120.4350, 0.2734,
0.2805

■ 16.3398, 0.2384,
0.2388

■ 152.1462, 0.2763,
0.2840

■ 9.7649, 0.2258,
0.2241

■ 188.9859, 0.2788,
0.2870

■ 5.2434, 0.2083,
0.2041

■ 231.3384, 0.2810,
0.2897

■ 2.3908, 0.1829,
0.1755

■ 279.5883, 0.2829,

■ 0.8211, 0.1440,

0.2920

0.1327

334.1198, 0.2846,
0.2941

0.0000, 0.0000,
0.0000

52.2283, 0.2612,
0.2658

52.2283, 0.2612,
0.2658

42.6932, 0.2427,
0.2409

63.1568, 0.2791,
0.2887

34.4868, 0.2242,
0.2144

75.5277, 0.2960,
0.3094

27.5479, 0.2065,
0.1871

89.3948, 0.3116,
0.3278

21.8077, 0.1904,
0.1602

99.3100, 0.3191,
0.3396

17.1900, 0.1768,
0.1349

■ 13.6079, 0.1665,
0.1126

■ 11.1000, 0.1598,
0.0953

Harmonies

Analogous

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



52.2283, 0.2431, 0.2767



52.2283, 0.2612, 0.2658



52.2283, 0.2934, 0.2703

Triad

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



52.2283, 0.2612, 0.2658



52.2283, 0.3888, 0.3474



52.2283, 0.2898, 0.3756

Complementary

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



52.2283, 0.2612, 0.2658



74.3443, 0.3655, 0.3850

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.



52.2283, 0.3283, 0.3969



52.2283, 0.2612, 0.2658



52.2283, 0.3868, 0.3769

Square

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



52.2283, 0.2612, 0.2658



52.2283, 0.3687, 0.3156



52.2283, 0.3641, 0.3962



52.2283, 0.2587, 0.3396

Rectangle

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



52.2283, 0.2612, 0.2658



52.2283, 0.3196, 0.2810



52.2283, 0.3641, 0.3962



52.2283, 0.3023, 0.3850

Sweetspot

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



52.2303, 0.2612, 0.2658



85.9858, 0.2987, 0.3127



78.3716, 0.2800, 0.3549



17.9470, 0.2963, 0.3099



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.



52.2303, 0.2612, 0.2658



50.8553, 0.2495, 0.2501



45.1139, 0.2689, 0.2412



16.7180, 0.2980, 0.3118



6.2415, 0.1606, 0.0980



0.7189, 0.1673, 0.1223

Inverse Universe

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



51.3803, 0.3619, 0.3053



50.2713, 0.3765, 0.3002



84.2073, 0.3485, 0.4087



16.5624, 0.3247, 0.3221



10.7295, 0.5788, 0.2962



0.9602, 0.5434, 0.2767

Previews

White Background



This preview shows how the Yxy color 52.2283, 0.2612, 0.2658 looks on a white background.

Color Contrast Check

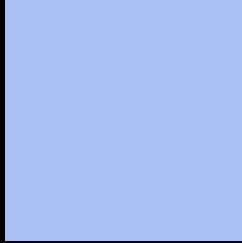
Large Text (above 18pt) WCAG AA × Fail

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 52.2283, 0.2612, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

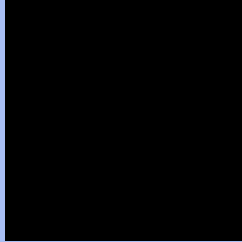
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

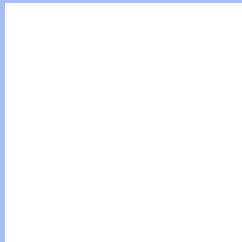
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2283, 0.2612, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 52.2283, 0.2612, 0.2658.



This preview shows how white text looks on a background with the Yxy color 52.2283, 0.2612, 0.2658.

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

52.2283, 0.2612, 0.2658

Protanopia

52.1531, 0.2674, 0.2663

Deuteranopia

51.9570, 0.2681, 0.2613



Tritanopia

52.3674, 0.2765, 0.3098

Trichromacy



Original Color

52.2283, 0.2612, 0.2658

Protanomaly

52.2966, 0.2649, 0.2662

Deuteranomaly

51.9061, 0.2655, 0.2620

Tritanomaly

52.4114, 0.2709, 0.2928

Monochromacy



Original Color

52.2283, 0.2612, 0.2658

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4251, 0.2918, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2283, 0.2612, 0.2658 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(169, 191, 244)` looks like.

```
.text, #text, p{  
    color:rgb(169, 191, 244)  
}
```

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(169, 191, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 191, 244) }
```

Border

The CSS property to change the border of an element to Yxy 52.2283, 0.2612, 0.2658 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(169, 191, 244) }
```

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

```
.border{ border-color:rgb(169, 191, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 191, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 191, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 191, 244);  
box-shadow:4px 4px 4px 4px rgb(169, 191,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2283, 0.2612, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 191, 244) }
```

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

```
.background{ background-color: rgb(169,  
191, 244) }
```

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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