

Converting Colors

$Yxy(51.7893, 0.2604, 0.2587)$

Have a look what the booklet for
Yxy(51.7893, 0.2604, 0.2587)
contains.

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Color

Yxy(51.9432, 0.2605, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	ACBDF8
RGB	172, 189, 248
RGB Percent	67%, 74%, 97%
CMY	0.3257, 0.2587, 0.0275
CMYK	0.31, 0.24, 0.00, 0.03
HSL	227°, 84%, 82%
HSV	227°, 31%, 97%
XYZ	52.1434, 51.9432, 96.0799
YIQ	190.6430, -29.0710, 14.7450

Conversions

Conversions Part 2

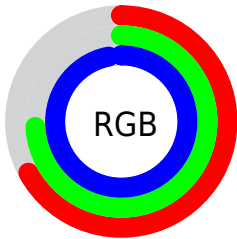
Format	Color
R _Y B	172, 186, 248
Decimal	11320824
CIE Lab	77.25, 7.39, -31.06
CIE LCh	77, 31.928, 283.380
Yxy	51.9432, 0.2605, 0.2595
Android (android.graphics.Color)	4289510904 (0xFFACBDF8)
YUV	190.6430, 28.2770, -16.3499
Hunter-Lab	72.0716, 3.0183, -28.5904

Details

The Yxy color $51.9432, 0.2605, 0.2595$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.0368, 0.3640, 0.3899$, and the grayscale version is $51.7248, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.1828, 0.2969, 0.3189$, and $25.2215, 0.2476, 0.2432$ is the 20% darker color. If you saturate the color by 10%, you get $41.6642, 0.2413, 0.2320$, and if you desaturate by 10%, it is $63.8468, 0.2789, 0.2848$.

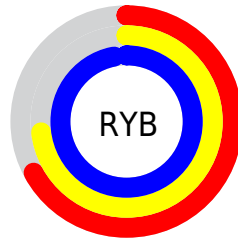
Distribution



Red (67%)

Green (74%)

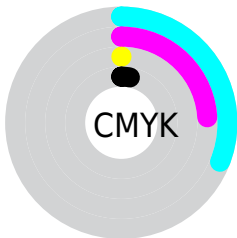
Blue (97%)



Red (67%)

Yellow (73%)

Blue (97%)

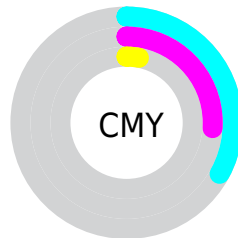


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9432, 0.2605, 0.2595 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 51.9432, 0.2605, 0.2595 by changing the saturation by 10% instead.

■ 51.9432, 0.2605,
0.2595

■ 51.9432, 0.2605,
0.2595

■ 394.2173, 0.2858,
0.2924

■ 36.9598, 0.2545,
0.2519

■ 93.0475, 0.2695,
0.2710

■ 25.1764, 0.2470,
0.2424

■ 119.9371, 0.2729,
0.2755

■ 16.2085, 0.2373,
0.2304

■ 151.5643, 0.2758,
0.2793

■ 9.6718, 0.2245,
0.2148

■ 188.3135, 0.2784,
0.2826

■ 5.1819, 0.2069,
0.1937

■ 230.5689, 0.2806,
0.2855

■ 2.3544, 0.1813,
0.1640

■ 278.7151, 0.2825,

■ 0.8023, 0.1424,

0.2881

0.1206

333.1365, 0.2842,
0.2904

■ 0.0000, 0.0000,
0.0000

■ 51.9432, 0.2605,
0.2595

■ 51.9432, 0.2605,
0.2595

■ 41.6642, 0.2413,
0.2320

■ 63.8468, 0.2789,
0.2848

■ 32.9315, 0.2220,
0.2030

■ 77.4362, 0.2960,
0.3075

■ 25.6697, 0.2034,
0.1735

■ 92.7769, 0.3117,
0.3277

■ 19.7938, 0.1866,
0.1450

■ 99.5570, 0.3168,
0.3357

■ 15.2098, 0.1726,
0.1190

■ 11.8103, 0.1622,
0.0971

■ 9.5755, 0.1560,
0.0814

Harmonies

Analogous

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



51.9432, 0.2383, 0.2686



51.9432, 0.2605, 0.2595



51.9432, 0.2975, 0.2669

Triad

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



51.9432, 0.2605, 0.2595



51.9432, 0.3980, 0.3538



51.9432, 0.2814, 0.3755

Complementary

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



51.9432, 0.2605, 0.2595



80.0368, 0.3640, 0.3899

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.



51.9432, 0.3232, 0.4024



51.9432, 0.2605, 0.2595



51.9432, 0.3918, 0.3854

Square

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



51.9432, 0.2605, 0.2595



51.9432, 0.3792, 0.3191



51.9432, 0.3639, 0.4047



51.9432, 0.2495, 0.3342

Rectangle

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



51.9432, 0.2605, 0.2595



51.9432, 0.3267, 0.2798



51.9432, 0.3639, 0.4047



51.9432, 0.2948, 0.3868

Sweetspot

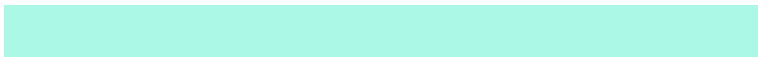
The Sweet Spot groups the original color and five complimentary colors.



51.9452, 0.2605, 0.2595



85.0706, 0.2987, 0.3111



81.6231, 0.2774, 0.3490



17.7229, 0.2963, 0.3080



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.



51.9452, 0.2605, 0.2595



48.1503, 0.2483, 0.2422



47.4954, 0.2727, 0.2422



17.2751, 0.2979, 0.3100



5.3438, 0.1566, 0.0837



0.6463, 0.1625, 0.1049

Inverse Universe

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



53.1135, 0.3666, 0.3109



49.9983, 0.3828, 0.3070



86.5554, 0.3450, 0.4096



17.2890, 0.3259, 0.3237



10.9504, 0.6010, 0.3084



1.0295, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 51.9432, 0.2605, 0.2595 looks on a white background.

Color Contrast Check

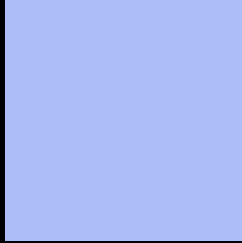
Large Text (above 18pt) WCAG AA × Fail

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 51.9432, 0.2605, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

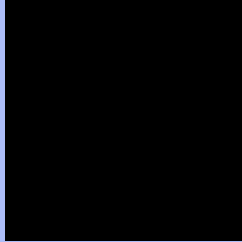
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9432, 0.2605, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 51.9432, 0.2605, 0.2595.



This preview shows how white text looks on a background with the Yxy color 51.9432, 0.2605, 0.2595.

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

51.9432, 0.2605, 0.2595

Protanopia

51.7958, 0.2629, 0.2597

Deuteranopia

51.7829, 0.2642, 0.2578



Tritanopia

52.0755, 0.2785, 0.3098

Trichromacy



Original Color

51.9432, 0.2605, 0.2595

Protanomaly

51.6805, 0.2623, 0.2595

Deuteranomaly

51.9739, 0.2630, 0.2588

Tritanomaly

51.7372, 0.2720, 0.2904

Monochromacy



Original Color

51.9432, 0.2605, 0.2595

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7707, 0.2920, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9432, 0.2605, 0.2595 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(172, 189, 248)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 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(172, 189, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 248) }
```

Border

The CSS property to change the border of an element to Yxy 51.9432, 0.2605, 0.2595 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(172, 189, 248) }
```

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

```
.border{ border-color:rgb(172, 189, 248) }
```

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

Here you see how a box with a 4 pixel rgb(172, 189, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 248);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9432, 0.2605, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 248) }
```

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

```
.background{ background-color: rgb(172,  
189, 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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