

Converting Colors

$Y_{xy}(52.2829, 0.2627, 0.2502)$

Have a look what the booklet for
Yxy(52.2829, 0.2627, 0.2502)
contains.

Yxy(52.2829, 0.2627, 0.2502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2829, 0.2627, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	B6BAFF
RGB	182, 186, 255
RGB Percent	71%, 73%, 100%
CMY	0.2863, 0.2705, 0.0001
CMYK	0.29, 0.27, 0.00, 0.00
HSL	237°, 100%, 86%
HSV	237°, 29%, 100%
XYZ	54.8950, 52.2829, 101.7866
YIQ	192.6700, -24.5330, 20.6110

Conversions

Conversions Part 2

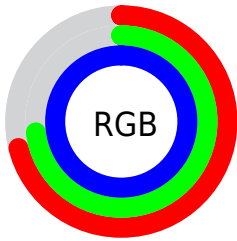
Format	Color
R _Y B	182, 186, 255
Decimal	11975423
CIE Lab	77.45, 13.59, -34.44
CIE LCh	77, 37.022, 291.537
Yxy	52.2829, 0.2627, 0.2502
Android (android.graphics.Color)	4290165503 (0xFFB6BAFF)
YUV	192.6700, 30.7287, -9.3576
Hunter-Lab	72.3069, 8.9790, -32.8478

Details

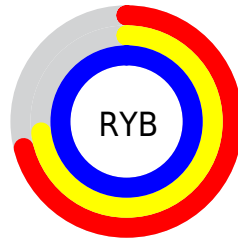
The Yxy color $52.2829, 0.2627, 0.2502$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $93.6000, 0.3571, 0.3972$, and the grayscale version is $52.9520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0750, 0.3031, 0.3161$, and $25.3643, 0.2494, 0.2315$ is the 20% darker color. If you saturate the color by 10%, you get $40.1476, 0.2421, 0.2171$, and if you desaturate by 10%, it is $66.6990, 0.2819, 0.2807$.

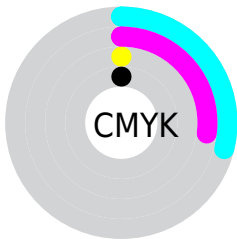
Distribution



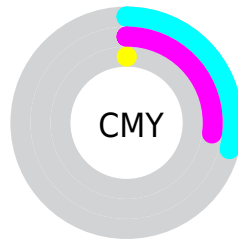
- Red (71%)
- Green (73%)
- Blue (100%)



- Red (71%)
- Yellow (73%)
- Blue (100%)



- Cyan (29%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2829, 0.2627, 0.2502 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 52.2829, 0.2627, 0.2502 by changing the saturation by 10% instead.

■ 52.2829, 0.2627,
0.2502

■ 52.2829, 0.2627,
0.2502

■ 395.5278, 0.2870,
0.2870

■ 37.2306, 0.2569,
0.2418

■ 93.5483, 0.2713,
0.2629

■ 25.3861, 0.2497,
0.2315

■ 120.5303, 0.2747,
0.2679

■ 16.3649, 0.2403,
0.2186

■ 152.2575, 0.2775,
0.2722

■ 9.7828, 0.2280,
0.2020

■ 189.1145, 0.2799,
0.2759

■ 5.2552, 0.2110,
0.1799

■ 231.4857, 0.2820,
0.2792

■ 2.3977, 0.1864,
0.1497

■ 279.7553, 0.2839,

■ 0.8247, 0.1492,

0.2821

0.1073

334.3079, 0.2856,
0.2846

0.0000, 0.0238,
0.0000

0.0000, 0.0000,
0.0000

52.2829, 0.2627,
0.2502

52.2829, 0.2627,
0.2502

40.1476, 0.2421,
0.2171

66.6990, 0.2819,
0.2807

30.1703, 0.2209,
0.1827

83.4977, 0.2993,
0.3080

22.2263, 0.2002,
0.1487

99.9986, 0.3127,
0.3290

16.1756, 0.1816,
0.1176

■ 11.8604, 0.1666,
0.0919

■ 9.0973, 0.1564,
0.0735

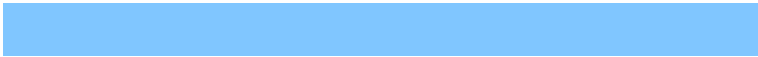
■ 7.6534, 0.1511,
0.0632

■ 7.5340, 0.1507,
0.0624

Harmonies

Analogous

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



52.2829, 0.2325, 0.2548



52.2829, 0.2627, 0.2502



52.2829, 0.3084, 0.2634

Triad

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



52.2829, 0.2627, 0.2502



52.2829, 0.4123, 0.3672



52.2829, 0.2649, 0.3709

Complementary

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



52.2829, 0.2627, 0.2502



93.6000, 0.3571, 0.3972

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.



52.2829, 0.3107, 0.4090



52.2829, 0.2627, 0.2502



52.2829, 0.3971, 0.4013

Square

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



52.2829, 0.2627, 0.2502



52.2829, 0.3984, 0.3277



52.2829, 0.3593, 0.4190



52.2829, 0.2334, 0.3210

Rectangle

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



52.2829, 0.2627, 0.2502



52.2829, 0.3425, 0.2805



52.2829, 0.3593, 0.4190



52.2829, 0.2790, 0.3860

Sweetspot

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



52.2850, 0.2627, 0.2502



82.8402, 0.2987, 0.3071



88.3589, 0.2735, 0.3341



17.1783, 0.2963, 0.3033



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.



52.2850, 0.2627, 0.2502



45.4944, 0.2518, 0.2327



54.9090, 0.2846, 0.2505



17.5382, 0.2978, 0.3058



4.0015, 0.1509, 0.0633



0.4436, 0.1531, 0.0710

Inverse Universe

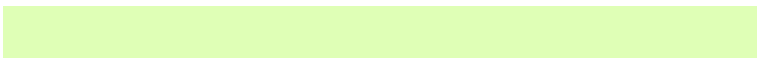
The Inverse Universe completely reimagines the original color for something new.



58.2532, 0.3728, 0.3250



52.3963, 0.3889, 0.3242



90.6265, 0.3349, 0.4061



18.0033, 0.3286, 0.3277



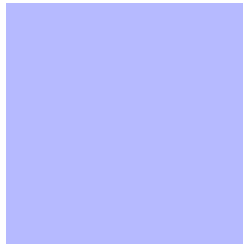
11.1319, 0.6345, 0.3269



1.0893, 0.6216, 0.3198

Previews

White Background



This preview shows how the Yxy color 52.2829, 0.2627, 0.2502 looks on a white background.

Color Contrast Check

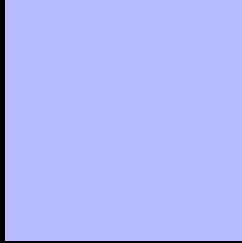
Large Text (above 18pt) WCAG AA × Fail

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 52.2829, 0.2627, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

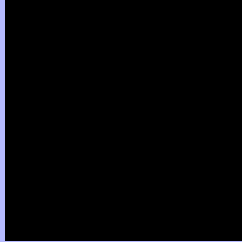
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2829, 0.2627, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 52.2829, 0.2627, 0.2502.

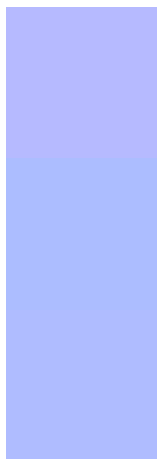


This preview shows how white text looks on a background with the Yxy color 52.2829, 0.2627, 0.2502.

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

52.2829, 0.2627, 0.2502

Protanopia

52.3858, 0.2566, 0.2524

Deuteranopia

52.3004, 0.2584, 0.2516



Tritanopia

52.1210, 0.2853, 0.3088

Trichromacy



Original Color

52.2829, 0.2627, 0.2502

Protanomaly

52.4165, 0.2590, 0.2517

Deuteranomaly

52.2256, 0.2602, 0.2508

Tritanomaly

51.9827, 0.2768, 0.2863

Monochromacy



Original Color

52.2829, 0.2627, 0.2502

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6036, 0.2930, 0.2976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2829, 0.2627, 0.2502 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(182, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 255)  
}
```

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(182, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.2829, 0.2627, 0.2502 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(182, 186, 255) }
```

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

```
.border{ border-color:rgb(182, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2829, 0.2627, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 255) }
```

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

```
.background{ background-color: rgb(182,  
186, 255) }
```

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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