

Converting Colors

$Yxy(63.0158, 0.2637, 0.2784)$

Have a look what the booklet for
Yxy(63.0158, 0.2637, 0.2784)
contains.

Yxy(62.8969, 0.2639, 0.2781)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.8969, 0.2639, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	B3D2FF
RGB	179, 210, 255
RGB Percent	70%, 82%, 100%
CMY	0.2980, 0.1764, 0.0001
CMYK	0.30, 0.18, 0.00, 0.00
HSL	216°, 100%, 85%
HSV	216°, 30%, 100%
XYZ	59.6853, 62.8969, 103.5843
YIQ	205.8610, -32.9210, 7.4230

Conversions

Conversions Part 2

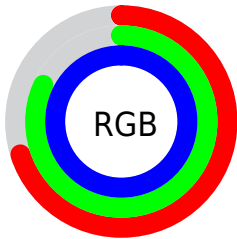
Format	Color
R _Y B	179, 201, 255
Decimal	11784959
CIE Lab	83.39, -0.23, -25.34
CIE LCh	83, 25.344, 269.480
Yxy	62.8969, 0.2639, 0.2781
Android (android.graphics.Color)	4289975039 (0xFFB3D2FF)
YUV	205.8610, 24.2255, -23.5571
Hunter-Lab	79.3076, -4.4526, -21.9239

Details

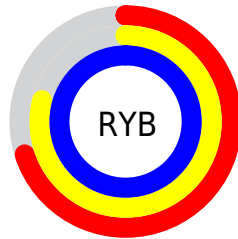
The Yxy color **62.8969, 0.2639, 0.2781** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.8142, 0.3664, 0.3750**, and the grayscale version is **61.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **32.1392, 0.2521, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **53.0310, 0.2465, 0.2575**, and if you desaturate by 10%, it is **74.0326, 0.2810, 0.2970**.

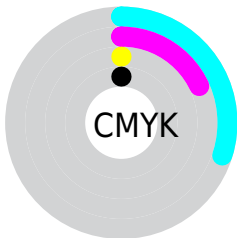
Distribution



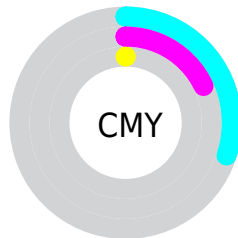
- Red (70%)
- Green (82%)
- Blue (100%)



- Red (70%)
- Yellow (79%)
- Blue (100%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8969, 0.2639, 0.2781 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 62.8969, 0.2639, 0.2781 by changing the saturation by 10% instead.

■ 62.8969, 0.2639,
0.2781

■ 62.8969, 0.2639,
0.2781

435.1952, 0.2867,
0.3019

■ 45.7578, 0.2587,
0.2726

■ 109.0208, 0.2718,
0.2864

■ 32.0547, 0.2522,
0.2659

138.7743, 0.2749,
0.2896

■ 21.4033, 0.2440,
0.2573

173.5015, 0.2776,
0.2924

■ 13.4191, 0.2334,
0.2462

213.5866, 0.2799,
0.2948

■ 7.7178, 0.2190,
0.2311

259.4142, 0.2819,
0.2969

■ 3.9149, 0.1986,
0.2098

311.3686, 0.2837,

■ 1.6261, 0.1682,

0.2988

0.1779

369.8341, 0.2853,
0.3004

0.3751, 0.1006,
0.1075

0.0000, 0.0000,
0.0000

62.8969, 0.2639,
0.2781

62.8969, 0.2639,
0.2781

53.0310, 0.2465,
0.2575

74.0326, 0.2810,
0.2970

44.3770, 0.2294,
0.2354

86.4778, 0.2974,
0.3141

36.8833, 0.2130,
0.2124

99.9987, 0.3127,
0.3290

30.4906, 0.1982,
0.1891

■ 25.1334, 0.1855,
0.1663

■ 20.7362, 0.1755,
0.1449

■ 17.1915, 0.1683,
0.1256

■ 17.1255, 0.1681,
0.1252

Harmonies

Analogous

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



62.8969, 0.2530, 0.2917



62.8969, 0.2639, 0.2781



62.8969, 0.2876, 0.2776

Triad

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



62.8969, 0.2639, 0.2781



62.8969, 0.3717, 0.3364



62.8969, 0.3038, 0.3740

Complementary

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



62.8969, 0.2639, 0.2781



77.8142, 0.3664, 0.3750

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.



62.8969, 0.3359, 0.3861



62.8969, 0.2639, 0.2781



62.8969, 0.3761, 0.3620

Square

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



62.8969, 0.2639, 0.2781



62.8969, 0.3504, 0.3103



62.8969, 0.3626, 0.3809



62.8969, 0.2752, 0.3477

Rectangle

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



62.8969, 0.2639, 0.2781



62.8969, 0.3083, 0.2842



62.8969, 0.3626, 0.3809



62.8969, 0.3146, 0.3799

Sweetspot

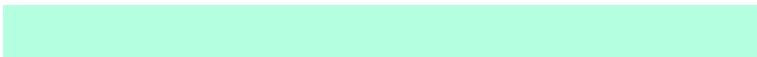
The Sweet Spot groups the original color and five complimentary colors.



62.8994, 0.2639, 0.2781



87.5399, 0.2987, 0.3153



86.4373, 0.2853, 0.3642



18.3283, 0.2964, 0.3130



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.



62.8994, 0.2639, 0.2781



56.6398, 0.2531, 0.2655



49.8195, 0.2641, 0.2425



18.5947, 0.2979, 0.3145



9.2255, 0.1690, 0.1282



1.1065, 0.1751, 0.1505

Inverse Universe

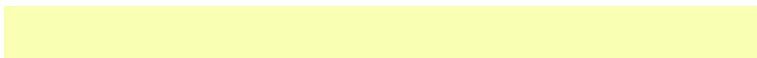
The Inverse Universe completely reimagines the original color for something new.



58.1537, 0.3525, 0.2971



51.7262, 0.3640, 0.2903



94.8375, 0.3536, 0.4048



18.1099, 0.3230, 0.3193



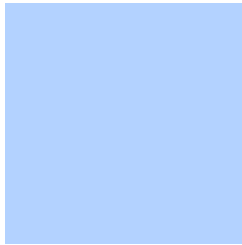
11.6593, 0.5351, 0.2722



1.1563, 0.5053, 0.2557

Previews

White Background



This preview shows how the Yxy color 62.8969, 0.2639, 0.2781 looks on a white background.

Color Contrast Check

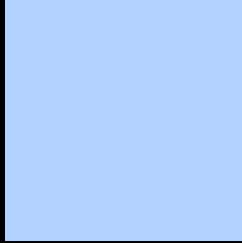
Large Text (above 18pt) WCAG AA × Fail

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 62.8969, 0.2639, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

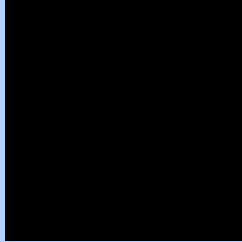
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

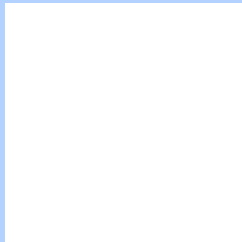
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.8969, 0.2639, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 62.8969, 0.2639, 0.2781.



This preview shows how white text looks on a background with the Yxy color 62.8969, 0.2639, 0.2781.

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

62.8969, 0.2639, 0.2781

Protanopia

62.5612, 0.2764, 0.2770

Deuteranopia

62.6284, 0.2784, 0.2723



Tritanopia

62.8613, 0.2747, 0.3088

Trichromacy



Original Color

62.8969, 0.2639, 0.2781

Protanomaly

62.6646, 0.2715, 0.2776

Deuteranomaly

62.8319, 0.2728, 0.2748

Tritanomaly

63.1099, 0.2707, 0.2975

Monochromacy



Original Color

62.8969, 0.2639, 0.2781

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7432, 0.2932, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8969, 0.2639, 0.2781 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(179, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 210, 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(179, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.8969, 0.2639, 0.2781 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(179, 210, 255) }
```

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

```
.border{ border-color:rgb(179, 210, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 210, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8969, 0.2639, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 210, 255) }
```

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

```
.background{ background-color: rgb(179,  
210, 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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