

Converting Colors

$Yxy(63.0157, 0.2652, 0.2779)$

Have a look what the booklet for
Yxy(63.0157, 0.2652, 0.2779)
contains.

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Color

Yxy(63.1369, 0.2651, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	B5D2FF
RGB	181, 210, 255
RGB Percent	71%, 82%, 100%
CMY	0.2900, 0.1765, 0.0000
CMYK	0.29, 0.18, 0.00, 0.00
HSL	217°, 100%, 85%
HSV	217°, 29%, 100%
XYZ	60.1639, 63.1369, 103.6471
YIQ	206.4590, -31.7290, 7.8470

Conversions

Conversions Part 2

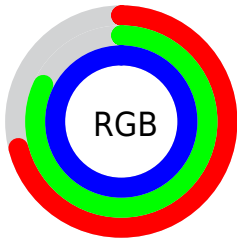
Format	Color
R _Y B	181, 202, 255
Decimal	11916031
CIE Lab	83.51, 0.37, -25.16
CIE LCh	84, 25.168, 270.835
Yxy	63.1369, 0.2651, 0.2782
Android (android.graphics.Color)	4290106111 (0xFFB5D2FF)
YUV	206.4590, 23.9307, -22.3275
Hunter-Lab	79.4587, -3.8977, -21.7176

Details

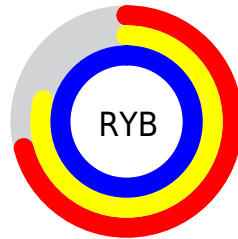
The Yxy color **63.1369, 0.2651, 0.2782** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.0222, 0.3644, 0.3749**, and the grayscale version is **61.8945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **32.2898, 0.2536, 0.2668** is the 20% darker color. If you saturate the color by 10%, you get **53.0356, 0.2476, 0.2571**, and if you desaturate by 10%, it is **74.5468, 0.2823, 0.2976**.

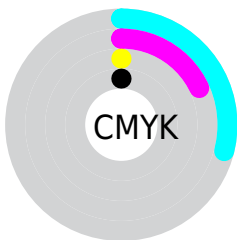
Distribution



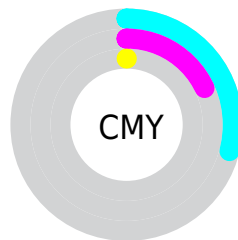
- Red (71%)
- Green (82%)
- Blue (100%)



- Red (71%)
- Yellow (79%)
- Blue (100%)



- Cyan (29%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1369, 0.2651, 0.2782 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 63.1369, 0.2651, 0.2782 by changing the saturation by 10% instead.

■ 63.1369, 0.2651,
0.2782

■ 63.1369, 0.2651,
0.2782

436.0662, 0.2874,
0.3019

■ 45.9520, 0.2600,
0.2728

■ 109.3670, 0.2728,
0.2865

■ 32.2079, 0.2537,
0.2660

139.1809, 0.2759,
0.2897

■ 21.5204, 0.2457,
0.2576

173.9734, 0.2784,
0.2924

■ 13.5049, 0.2353,
0.2465

214.1286, 0.2807,
0.2948

■ 7.7771, 0.2212,
0.2315

260.0311, 0.2827,
0.2969

■ 3.9527, 0.2013,
0.2104

312.0653, 0.2844,

■ 1.6471, 0.1714,

0.2988

0.1788

370.6155, 0.2860,
0.3004

0.3891, 0.1071,
0.1100

0.0000, 0.0000,
0.0000

63.1369, 0.2651,
0.2782

63.1369, 0.2651,
0.2782

53.0356, 0.2476,
0.2571

74.5468, 0.2823,
0.2976

44.1893, 0.2302,
0.2345

87.3121, 0.2987,
0.3150

36.5428, 0.2135,
0.2109

100.0000, 0.3127,
0.3290

30.0354, 0.1983,
0.1870

■ 24.5998, 0.1853,
0.1636

■ 20.1594, 0.1749,
0.1417

■ 16.6115, 0.1674,
0.1221

■ 16.2955, 0.1668,
0.1203

Harmonies

Analogous

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



63.1369, 0.2537, 0.2912



63.1369, 0.2651, 0.2782



63.1369, 0.2891, 0.2783

Triad

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



63.1369, 0.2651, 0.2782



63.1369, 0.3718, 0.3375



63.1369, 0.3025, 0.3727

Complementary

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



63.1369, 0.2651, 0.2782



79.0222, 0.3644, 0.3749

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.



63.1369, 0.3343, 0.3855



63.1369, 0.2651, 0.2782



63.1369, 0.3753, 0.3628

Square

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



63.1369, 0.2651, 0.2782



63.1369, 0.3514, 0.3116



63.1369, 0.3612, 0.3810



63.1369, 0.2745, 0.3462

Rectangle

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



63.1369, 0.2651, 0.2782



63.1369, 0.3098, 0.2852



63.1369, 0.3612, 0.3810



63.1369, 0.3131, 0.3788

Sweetspot

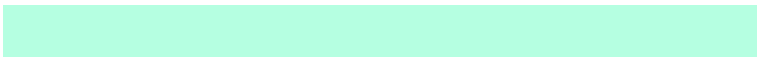
The Sweet Spot groups the original color and five complimentary colors.



63.1375, 0.2651, 0.2782



87.3136, 0.2987, 0.3150



86.8086, 0.2854, 0.3618



18.2727, 0.2964, 0.3125



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.



63.1375, 0.2651, 0.2782



56.9238, 0.2546, 0.2658



51.0346, 0.2665, 0.2454



18.5437, 0.2979, 0.3141



8.7842, 0.1676, 0.1233



1.0604, 0.1738, 0.1457

Inverse Universe

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



58.9796, 0.3522, 0.2993



52.6436, 0.3635, 0.2929



94.7424, 0.3517, 0.4030



18.1048, 0.3232, 0.3197



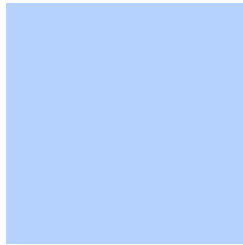
11.6147, 0.5419, 0.2759



1.1516, 0.5115, 0.2591

Previews

White Background



This preview shows how the Yxy color 63.1369, 0.2651, 0.2782 looks on a white background.

Color Contrast Check

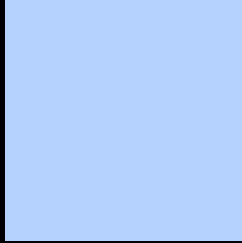
Large Text (above 18pt) WCAG AA × Fail

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 63.1369, 0.2651, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

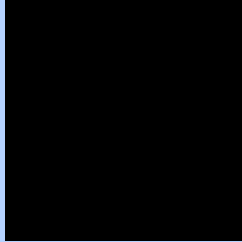
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

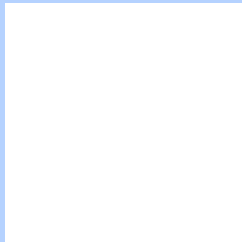
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1369, 0.2651, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 63.1369, 0.2651, 0.2782.



This preview shows how white text looks on a background with the Yxy color 63.1369, 0.2651, 0.2782.

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

63.1369, 0.2651, 0.2782

Protanopia

63.0412, 0.2765, 0.2781

Deuteranopia

63.1022, 0.2785, 0.2734



Tritanopia

63.0928, 0.2760, 0.3089

Trichromacy



Original Color

63.1369, 0.2651, 0.2782

Protanomaly

62.7939, 0.2721, 0.2777

Deuteranomaly

62.9647, 0.2734, 0.2749

Tritanomaly

63.3447, 0.2720, 0.2976

Monochromacy



Original Color

63.1369, 0.2651, 0.2782

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8778, 0.2939, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1369, 0.2651, 0.2782 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(181, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.1369, 0.2651, 0.2782 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(181, 210, 255) }
```

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

```
.border{ border-color:rgb(181, 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(181, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1369, 0.2651, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 210, 255) }
```

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

```
.background{ background-color: rgb(181,  
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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