

Converting Colors

$Yxy(62.7988, 0.2873, 0.2950)$

Have a look what the booklet for
Yxy(62.7988, 0.2873, 0.2950)
contains.

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Color

Yxy(62.8822, 0.2870, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	C7CFED
RGB	199, 207, 237
RGB Percent	78%, 81%, 93%
CMY	0.2196, 0.1882, 0.0705
CMYK	0.16, 0.13, 0.00, 0.07
HSL	227°, 51%, 85%
HSV	227°, 16%, 93%
XYZ	61.1562, 62.8822, 89.0494
YIQ	208.0280, -14.3980, 7.6340

Conversions

Conversions Part 2

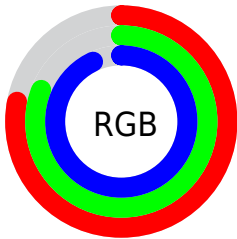
Format	Color
R_{YB}	199, 206, 237
Decimal	13094893
CIE _{Lab}	83.38, 3.29, -15.69
CIE _{LCh}	83, 16.030, 281.851
Yxy	62.8822, 0.2870, 0.2951
Android (android.graphics.Color)	4291284973 (0xFFC7CFED)
YUV	208.0280, 14.2832, -7.9176
Hunter-Lab	79.2983, -1.1098, -11.0719

Details

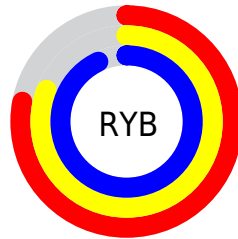
The Yxy color **62.8822, 0.2870, 0.2951** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.1887, 0.3381, 0.3608**, and the grayscale version is **63.0113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1384, 0.2809, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **51.3511, 0.2691, 0.2706**, and if you desaturate by 10%, it is **75.9990, 0.3035, 0.3170**.

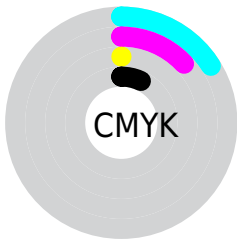
Distribution



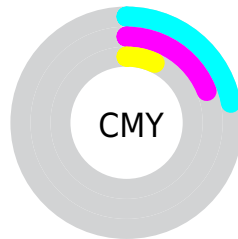
- Red (78%)
- Green (81%)
- Blue (93%)



- Red (78%)
- Yellow (81%)
- Blue (93%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8822, 0.2870, 0.2951 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 62.8822, 0.2870, 0.2951 by changing the saturation by 10% instead.

■ 62.8822, 0.2870,
0.2951

■ 62.8822, 0.2870,
0.2951

435.1418, 0.2992,
0.3110

■ 45.7459, 0.2842,
0.2914

108.9995, 0.2913,
0.3007

■ 32.0454, 0.2806,
0.2869

138.7494, 0.2929,
0.3028

■ 21.3962, 0.2760,
0.2811

173.4726, 0.2943,
0.3046

■ 13.4139, 0.2700,
0.2734

213.5534, 0.2956,
0.3063

■ 7.7142, 0.2617,
0.2629

259.3764, 0.2966,
0.3077

■ 3.9126, 0.2493,
0.2476

311.3259, 0.2976,

■ 1.6248, 0.2295,

0.3089

0.2236

369.7862, 0.2984,
0.3100

0.3742, 0.1801,
0.1545

0.0000, 0.0000,
0.0000

62.8822, 0.2870,
0.2951

62.8822, 0.2870,
0.2951

51.3511, 0.2691,
0.2706

75.9990, 0.3035,
0.3170

41.3371, 0.2502,
0.2436

90.7511, 0.3185,
0.3364

32.7782, 0.2308,
0.2148

98.8956, 0.3232,
0.3463

25.6048, 0.2116,
0.1850

■ 19.7416, 0.1936,
0.1555

■ 15.1054, 0.1781,
0.1279

■ 11.6030, 0.1659,
0.1041

■ 9.1255, 0.1577,
0.0853

■ 8.3807, 0.1554,
0.0793

Harmonies

Analogous

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



62.8822, 0.2761, 0.3009



62.8822, 0.2870, 0.2951



62.8822, 0.3049, 0.2980

Triad

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



62.8822, 0.2870, 0.2951



62.8822, 0.3523, 0.3413



62.8822, 0.2993, 0.3510

Complementary

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



62.8822, 0.2870, 0.2951



78.1887, 0.3381, 0.3608

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.



62.8822, 0.3195, 0.3626



62.8822, 0.2870, 0.2951



62.8822, 0.3505, 0.3562

Square

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



62.8822, 0.2870, 0.2951



62.8822, 0.3431, 0.3240



62.8822, 0.3383, 0.3643



62.8822, 0.2830, 0.3330

Rectangle

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



62.8822, 0.2870, 0.2951



62.8822, 0.3187, 0.3042



62.8822, 0.3383, 0.3643



62.8822, 0.3058, 0.3558

Sweetspot

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



62.8848, 0.2870, 0.2951



91.4037, 0.3051, 0.3191



78.3689, 0.2931, 0.3380



19.3140, 0.3040, 0.3177



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.



62.8848, 0.2870, 0.2951



69.9083, 0.2817, 0.2879



60.6375, 0.2943, 0.2868



15.0618, 0.2980, 0.3098



4.7276, 0.1560, 0.0816



0.5073, 0.1628, 0.1062

Inverse Universe

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



63.3653, 0.3369, 0.3205



70.6637, 0.3425, 0.3187



80.9135, 0.3292, 0.3698



15.1058, 0.3260, 0.3241



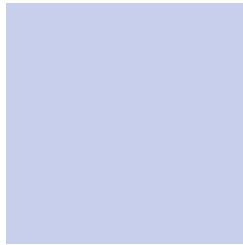
9.9701, 0.6044, 0.3103



0.7966, 0.5666, 0.2895

Previews

White Background



This preview shows how the Yxy color 62.8822, 0.2870, 0.2951 looks on a white background.

Color Contrast Check

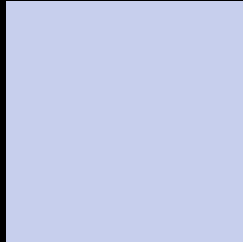
Large Text (above 18pt) WCAG AA × Fail

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 62.8822, 0.2870, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

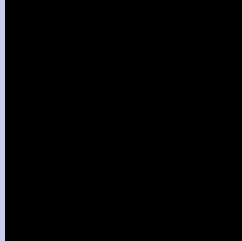
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8822, 0.2870, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 62.8822, 0.2870, 0.2951.

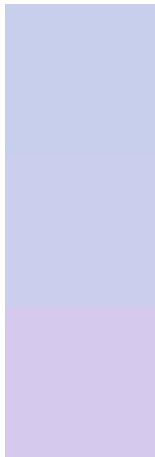


This preview shows how white text looks on a background with the Yxy color 62.8822, 0.2870, 0.2951.

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

62.8822, 0.2870, 0.2951

Protanopia

62.8953, 0.2904, 0.2953

Deuteranopia

62.5602, 0.2961, 0.2894



Tritanopia

62.9622, 0.2927, 0.3094

Trichromacy



Original Color

62.8822, 0.2870, 0.2951

Protanomaly

62.7553, 0.2897, 0.2953

Deuteranomaly

62.7687, 0.2925, 0.2913

Tritanomaly

62.8307, 0.2908, 0.3039

Monochromacy



Original Color

62.8822, 0.2870, 0.2951

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2054, 0.3030, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8822, 0.2870, 0.2951 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(199, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 237)  
}
```

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(199, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 237) }
```

Border

The CSS property to change the border of an element to Yxy 62.8822, 0.2870, 0.2951 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(199, 207, 237) }
```

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

```
.border{ border-color:rgb(199, 207, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8822, 0.2870, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 237) }
```

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

```
.background{ background-color: rgb(199,  
207, 237) }
```

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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