

Converting Colors

$Yxy(62.5821, 0.2801, 0.2813)$

Have a look what the booklet for
Yxy(62.5821, 0.2801, 0.2813)
contains.

Yxy(62.5821, 0.2801, 0.2813)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.5821, 0.2801, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	C7CDF8
RGB	199, 205, 248
RGB Percent	78%, 80%, 97%
CMY	0.2198, 0.1960, 0.0276
CMYK	0.20, 0.17, 0.00, 0.03
HSL	233°, 78%, 88%
HSV	233°, 20%, 97%
XYZ	62.3151, 62.5821, 97.5774
YIQ	208.1080, -17.3790, 12.1010

Conversions

Conversions Part 2

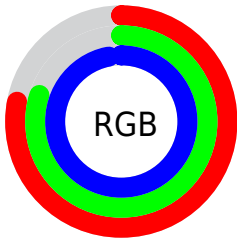
Format	Color
R _Y B	199, 204, 248
Decimal	13094392
CIE Lab	83.22, 6.68, -21.75
CIE LCh	83, 22.755, 287.082
Yxy	62.5821, 0.2801, 0.2813
Android (android.graphics.Color)	4291284472 (0xFFC7CDF8)
YUV	208.1080, 19.6668, -7.9877
Hunter-Lab	79.1088, 2.1664, -17.7555

Details

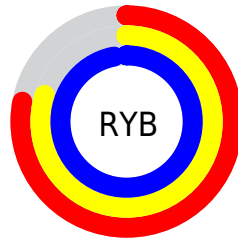
The Yxy color **62.5821, 0.2801, 0.2813** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.5216, 0.3437, 0.3726**, and the grayscale version is **63.0257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8683, 0.2712, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **49.7802, 0.2612, 0.2528**, and if you desaturate by 10%, it is **77.3854, 0.2975, 0.3069**.

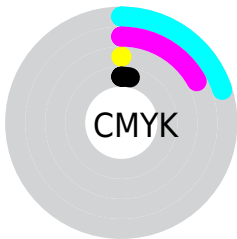
Distribution



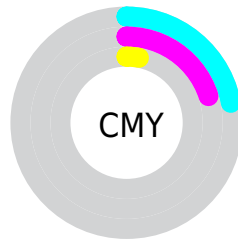
- Red (78%)
- Green (80%)
- Blue (97%)



- Red (78%)
- Yellow (80%)
- Blue (97%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5821, 0.2801, 0.2813 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 62.5821, 0.2801, 0.2813 by changing the saturation by 10% instead.

■ 62.5821, 0.2801,
0.2813

■ 62.5821, 0.2801,
0.2813

434.0512, 0.2956,
0.3034

■ 45.5032, 0.2765,
0.2762

108.5664, 0.2855,
0.2890

■ 31.8540, 0.2720,
0.2700

138.2406, 0.2876,
0.2920

■ 21.2500, 0.2663,
0.2621

172.8820, 0.2894,
0.2945

■ 13.3069, 0.2587,
0.2519

212.8750, 0.2910,
0.2968

■ 7.6402, 0.2482,
0.2380

258.6041, 0.2923,
0.2988

■ 3.8656, 0.2331,
0.2183

310.4535, 0.2935,

■ 1.5987, 0.2092,

0.3005

0.1885

368.8078, 0.2946,
0.3021

0.3567, 0.1615,
0.1147

0.0000, 0.0000,
0.0000

62.5821, 0.2801,
0.2813

62.5821, 0.2801,
0.2813

49.7802, 0.2612,
0.2528

77.3854, 0.2975,
0.3069

38.8862, 0.2411,
0.2220

94.2632, 0.3131,
0.3295

29.8105, 0.2206,
0.1896

99.5555, 0.3168,
0.3357

22.4532, 0.2008,
0.1573

■ 16.7046, 0.1829,
0.1270

■ 12.4423, 0.1683,
0.1009

■ 9.5256, 0.1581,
0.0809

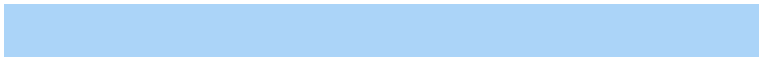
■ 7.7690, 0.1522,
0.0678

■ 7.7388, 0.1521,
0.0676

Harmonies

Analogous

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



62.5821, 0.2630, 0.2868



62.5821, 0.2801, 0.2813



62.5821, 0.3065, 0.2875

Triad

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



62.5821, 0.2801, 0.2813



62.5821, 0.3700, 0.3499



62.5821, 0.2888, 0.3565

Complementary

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



62.5821, 0.2801, 0.2813



87.5216, 0.3437, 0.3726

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.



62.5821, 0.3168, 0.3756



62.5821, 0.2801, 0.2813



62.5821, 0.3644, 0.3700

Square

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



62.5821, 0.2801, 0.2813



62.5821, 0.3594, 0.3258



62.5821, 0.3446, 0.3801



62.5821, 0.2678, 0.3296

Rectangle

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



62.5821, 0.2801, 0.2813



62.5821, 0.3261, 0.2973



62.5821, 0.3446, 0.3801



62.5821, 0.2977, 0.3642

Sweetspot

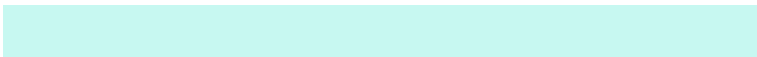
The Sweet Spot groups the original color and five complimentary colors.



62.5847, 0.2801, 0.2813



88.9550, 0.3035, 0.3157



85.6301, 0.2865, 0.3359



18.7932, 0.3025, 0.3142



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.



62.5847, 0.2801, 0.2813



60.6096, 0.2722, 0.2695



62.3436, 0.2923, 0.2763



16.9889, 0.2979, 0.3075



4.2877, 0.1525, 0.0691



0.5034, 0.1570, 0.0850

Inverse Universe

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



65.1872, 0.3472, 0.3227



63.9892, 0.3569, 0.3213



88.0613, 0.3304, 0.3803



17.2601, 0.3275, 0.3261



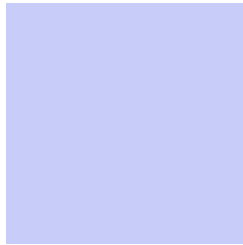
10.8437, 0.6248, 0.3215



1.0151, 0.5990, 0.3074

Previews

White Background



This preview shows how the Yxy color 62.5821, 0.2801, 0.2813 looks on a white background.

Color Contrast Check

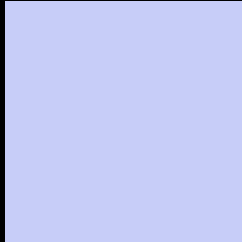
Large Text (above 18pt) WCAG AA × Fail

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 62.5821, 0.2801, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

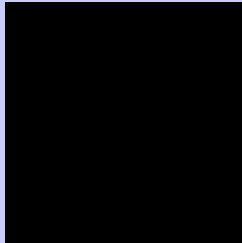
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5821, 0.2801, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 62.5821, 0.2801, 0.2813.



This preview shows how white text looks on a background with the Yxy color 62.5821, 0.2801, 0.2813.

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

62.5821, 0.2801, 0.2813

Protanopia

62.4457, 0.2794, 0.2812

Deuteranopia

62.2838, 0.2854, 0.2786



Tritanopia

62.6940, 0.2913, 0.3093

Trichromacy



Original Color

62.5821, 0.2801, 0.2813

Protanomaly

62.4457, 0.2794, 0.2812

Deuteranomaly

62.3266, 0.2834, 0.2794

Tritanomaly

62.7880, 0.2869, 0.2993

Monochromacy



Original Color

62.5821, 0.2801, 0.2813

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9325, 0.3003, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5821, 0.2801, 0.2813 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, 205, 248)` looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 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(199, 205, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 248) }
```

Border

The CSS property to change the border of an element to Yxy 62.5821, 0.2801, 0.2813 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, 205, 248) }
```

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

```
.border{ border-color:rgb(199, 205, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 248);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5821, 0.2801, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 248) }
```

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

```
.background{ background-color: rgb(199,  
205, 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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