

Converting Colors

$Yxy(62.4006, 0.2908, 0.2926)$

Have a look what the booklet for
Yxy(62.4006, 0.2908, 0.2926)
contains.

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Color

Yxy(62.2793, 0.2911, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	CDCCED
RGB	205, 204, 237
RGB Percent	80%, 80%, 93%
CMY	0.1959, 0.2000, 0.0706
CMYK	0.13, 0.14, 0.00, 0.07
HSL	242°, 48%, 86%
HSV	242°, 14%, 93%
XYZ	62.0661, 62.2793, 88.8669
YIQ	208.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

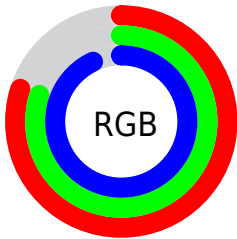
Format	Color
R _Y B	205, 204, 237
Decimal	13487341
CIE Lab	83.06, 6.80, -16.11
CIE LCh	83, 17.485, 292.871
Yxy	62.2793, 0.2911, 0.2921
Android (android.graphics.Color)	4291677421 (0xFFCDDCED)
YUV	208.0610, 14.2669, -2.6845
Hunter-Lab	78.9172, 2.2798, -11.5230

Details

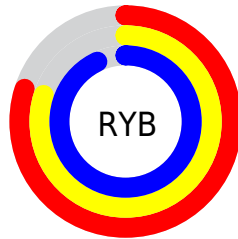
The Yxy color **62.2793, 0.2911, 0.2921** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.7463, 0.3328, 0.3636**, and the grayscale version is **63.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.7282, 0.2861, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **48.8337, 0.2731, 0.2616**, and if you desaturate by 10%, it is **77.9223, 0.3070, 0.3193**.

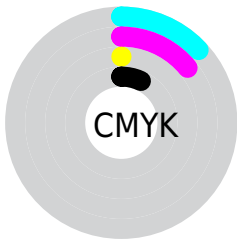
Distribution



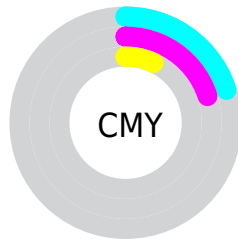
- Red (80%)
- Green (80%)
- Blue (93%)



- Red (80%)
- Yellow (80%)
- Blue (93%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2793, 0.2911, 0.2921 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 62.2793, 0.2911, 0.2921 by changing the saturation by 10% instead.

■ 62.2793, 0.2911,
0.2921

■ 62.2793, 0.2911,
0.2921

432.9492, 0.3014,
0.3093

■ 45.2584, 0.2887,
0.2881

108.1291, 0.2947,
0.2981

■ 31.6610, 0.2856,
0.2832

137.7268, 0.2961,
0.3004

■ 21.1027, 0.2817,
0.2770

172.2856, 0.2973,
0.3024

■ 13.1991, 0.2765,
0.2688

212.1898, 0.2984,
0.3042

■ 7.5658, 0.2692,
0.2576

257.8239, 0.2993,
0.3057

■ 3.8184, 0.2584,
0.2414

309.5722, 0.3001,

■ 1.5725, 0.2407,

0.3070

0.2161

367.8192, 0.3008,
0.3082

0.3390, 0.2012,
0.1397

0.0000, 0.0000,
0.0000

62.2793, 0.2911,
0.2921

62.2793, 0.2911,
0.2921

48.8337, 0.2731,
0.2616

77.9223, 0.3070,
0.3193

37.4797, 0.2533,
0.2282

95.8467, 0.3209,
0.3430

28.1147, 0.2323,
0.1929

98.8942, 0.3232,
0.3464

20.6241, 0.2111,
0.1576

■ 14.8818, 0.1910,
0.1245

■ 10.7461, 0.1738,
0.0966

■ 8.0533, 0.1610,
0.0761

■ 6.6048, 0.1532,
0.0642

■ 6.1636, 0.1507,
0.0604

Harmonies

Analogous

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



62.2793, 0.2760, 0.2949



62.2793, 0.2911, 0.2921



62.2793, 0.3124, 0.2985

Triad

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



62.2793, 0.2911, 0.2921



62.2793, 0.3568, 0.3489



62.2793, 0.2907, 0.3464

Complementary

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



62.2793, 0.2911, 0.2921



82.7463, 0.3328, 0.3636

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.



62.2793, 0.3118, 0.3624



62.2793, 0.2911, 0.2921



62.2793, 0.3503, 0.3630

Square

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



62.2793, 0.2911, 0.2921



62.2793, 0.3510, 0.3305



62.2793, 0.3337, 0.3684



62.2793, 0.2758, 0.3256

Rectangle

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



62.2793, 0.2911, 0.2921



62.2793, 0.3275, 0.3071



62.2793, 0.3337, 0.3684



62.2793, 0.2973, 0.3525

Sweetspot

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



62.2819, 0.2911, 0.2921



91.8396, 0.3069, 0.3190



79.1983, 0.2915, 0.3283



19.3394, 0.3058, 0.3171



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.



62.2819, 0.2911, 0.2921



68.2858, 0.2857, 0.2829



64.6738, 0.3026, 0.2933



14.5721, 0.2985, 0.3047



3.3760, 0.1510, 0.0606



0.2733, 0.1538, 0.0621

Inverse Universe

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



67.2366, 0.3151, 0.2957



75.3023, 0.3156, 0.2880



80.1321, 0.3217, 0.3648



15.3049, 0.3143, 0.3065



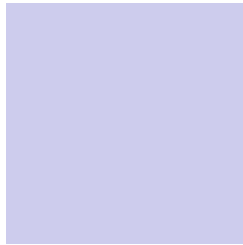
12.9329, 0.3291, 0.1587



1.0182, 0.3279, 0.1580

Previews

White Background



This preview shows how the Yxy color 62.2793, 0.2911, 0.2921 looks on a white background.

Color Contrast Check

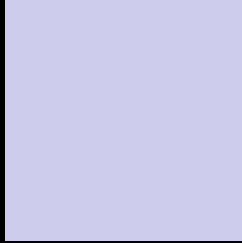
Large Text (above 18pt) WCAG AA × Fail

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 62.2793, 0.2911, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

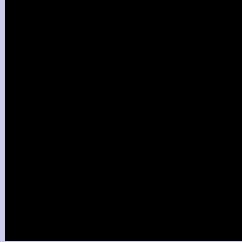
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2793, 0.2911, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 62.2793, 0.2911, 0.2921.



This preview shows how white text looks on a background with the Yxy color 62.2793, 0.2911, 0.2921.

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

62.2793, 0.2911, 0.2921

Protanopia

62.2532, 0.2877, 0.2919

Deuteranopia

62.3525, 0.2960, 0.2904



Tritanopia

62.1668, 0.2988, 0.3095

Trichromacy



Original Color

62.2793, 0.2911, 0.2921

Protanomaly

62.3922, 0.2884, 0.2920

Deuteranomaly

62.3816, 0.2939, 0.2913

Tritanomaly

62.1014, 0.2962, 0.3029

Monochromacy



Original Color

62.2793, 0.2911, 0.2921

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0055, 0.3044, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2793, 0.2911, 0.2921 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(205, 204, 237)` looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 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(205, 204, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 237) }
```

Border

The CSS property to change the border of an element to Yxy 62.2793, 0.2911, 0.2921 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(205, 204, 237) }
```

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

```
.border{ border-color:rgb(205, 204, 237) }
```

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

Here you see how a box with a 4 pixel rgb(205, 204, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 237);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2793, 0.2911, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 237) }
```

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

```
.background{ background-color: rgb(205,  
204, 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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