

Converting Colors

Yxy(61.6577, 0.3122, 0.3418)

Have a look what the booklet for
Yxy(61.6577, 0.3122, 0.3418)
contains.

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Color

Yxy(61.6839, 0.3121, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	C6D1C6
RGB	198, 209, 198
RGB Percent	78%, 82%, 78%
CMY	0.2236, 0.1803, 0.2236
CMYK	0.05, 0.00, 0.05, 0.18
HSL	120°, 11%, 80%
HSV	120°, 5%, 82%
XYZ	56.2746, 61.6839, 62.3510
YIQ	204.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

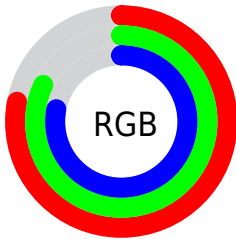
Format	Color
RYB	198, 209, 209
Decimal	13029830
CIELab	82.75, -5.77, 4.17
CIELCh	83, 7.121, 144.184
Yxy	61.6839, 0.3121, 0.3421
Android (android.graphics.Color)	4291219910 (0xFFC6D1C6)
YUV	204.4570, -3.1833, -5.6628
Hunter-Lab	78.5391, -9.5451, 7.9079

Details

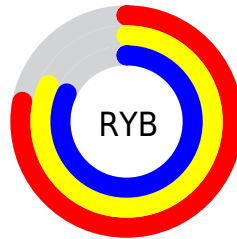
The Yxy color **61.6839, 0.3121, 0.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5380, 0.3133, 0.3162**, and the grayscale version is **60.7079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3856, 0.3119, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **58.1413, 0.3108, 0.3696**, and if you desaturate by 10%, it is **65.7568, 0.3132, 0.3181**.

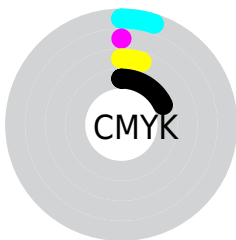
Distribution



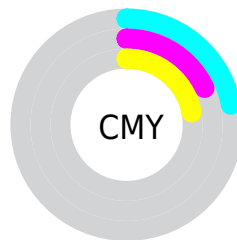
- Red (78%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6839, 0.3121, 0.3421 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 61.6839, 0.3121, 0.3421 by changing the saturation by 10% instead.

■ 61.6839, 0.3121,
0.3421

■ 61.6839, 0.3121,
0.3421

430.7771, 0.3124,
0.3358

■ 44.7773, 0.3120,
0.3436

107.2685, 0.3122,
0.3399

■ 31.2821, 0.3119,
0.3455

136.7154, 0.3123,
0.3390

■ 20.8137, 0.3118,
0.3480

171.1112, 0.3123,
0.3383

■ 12.9879, 0.3115,
0.3513

210.8402, 0.3123,
0.3377

■ 7.4202, 0.3112,
0.3560

256.2869, 0.3124,
0.3371

■ 3.7263, 0.3107,
0.3633

307.8357, 0.3124,

■ 1.5216, 0.3096,

0.3366

0.3759

365.8710, 0.3124,
0.3362

0.3039, 0.3010,
0.6185

0.0000, 0.0000,
0.0000

61.6839, 0.3121,
0.3421

61.6839, 0.3121,
0.3421

58.1413, 0.3108,
0.3696

65.7568, 0.3132,
0.3181

55.0996, 0.3094,
0.4005

70.3722, 0.3142,
0.2974

52.5387, 0.3078,
0.4343

74.0881, 0.3148,
0.2841

50.4340, 0.3061,
0.4699

■ 48.7587, 0.3044,
0.5055

■ 47.4833, 0.3029,
0.5385

■ 46.5745, 0.3016,
0.5660

■ 45.9936, 0.3007,
0.5858

■ 45.6935, 0.3001,
0.5968

Harmonies

Analogous

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



61.6839, 0.3211, 0.3448



61.6839, 0.3121, 0.3421



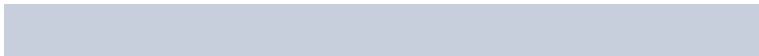
61.6839, 0.3034, 0.3357

Triad

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



61.6839, 0.3121, 0.3421



61.6839, 0.2977, 0.3148



61.6839, 0.3284, 0.3302

Complementary

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



61.6839, 0.3121, 0.3421



58.5380, 0.3133, 0.3162

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.



61.6839, 0.3220, 0.3224



61.6839, 0.3121, 0.3421



61.6839, 0.3043, 0.3136

Square

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



61.6839, 0.3121, 0.3421



61.6839, 0.2952, 0.3199



61.6839, 0.3131, 0.3164



61.6839, 0.3306, 0.3378

Rectangle

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



61.6839, 0.3121, 0.3421



61.6839, 0.2989, 0.3303



61.6839, 0.3131, 0.3164



61.6839, 0.3267, 0.3275

Sweetspot

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



61.6865, 0.3121, 0.3421



98.7214, 0.3125, 0.3339



63.2416, 0.3205, 0.3418



21.1438, 0.3125, 0.3337



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.



61.6865, 0.3121, 0.3421



96.2664, 0.3120, 0.3441



61.9458, 0.3083, 0.3355



13.4333, 0.3119, 0.3455



28.1162, 0.3000, 0.6000



1.5721, 0.3000, 0.5999

Inverse Universe

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



58.5380, 0.3133, 0.3162



90.6235, 0.3134, 0.3143



58.2693, 0.3174, 0.3226



12.5790, 0.3135, 0.3130



11.1950, 0.3210, 0.1542



0.6260, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 61.6839, 0.3121, 0.3421 looks on a white background.

Color Contrast Check

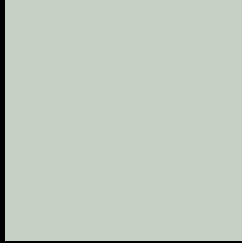
Large Text (above 18pt) WCAG AA × Fail

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 61.6839, 0.3121, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

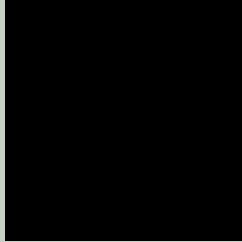
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

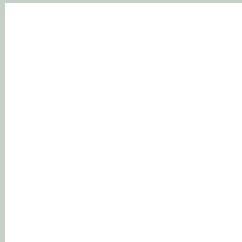
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6839, 0.3121, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 61.6839, 0.3121, 0.3421.

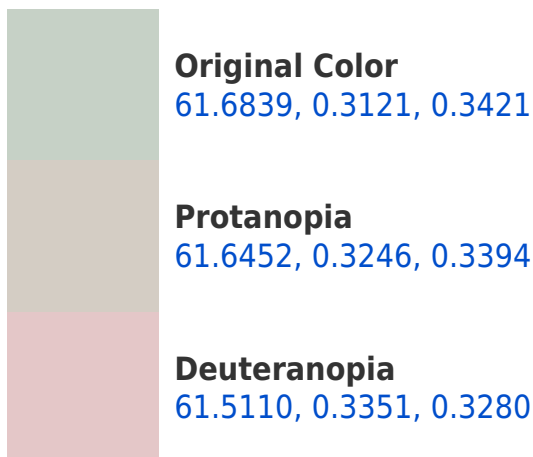


This preview shows how white text looks on a background with the Yxy color 61.6839, 0.3121, 0.3421.

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

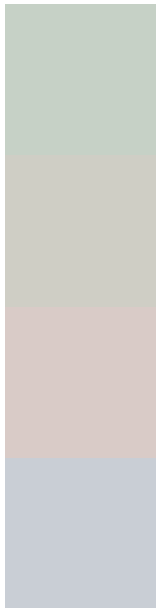




Tritanopia

61.4931, 0.2988, 0.3095

Trichromacy



Original Color

61.6839, 0.3121, 0.3421

Protanomaly

61.4392, 0.3199, 0.3395

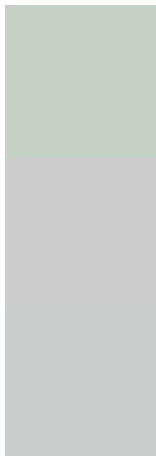
Deuteranomaly

61.5871, 0.3265, 0.3336

Tritanomaly

61.3642, 0.3041, 0.3208

Monochromacy



Original Color

61.6839, 0.3121, 0.3421

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9634, 0.3125, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6839, 0.3121, 0.3421 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(198, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 209, 198)  
}
```

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(198, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 209, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.6839, 0.3121, 0.3421 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(198, 209, 198) }
```

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

```
.border{ border-color:rgb(198, 209, 198) }
```

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

Here you see how a box with a 4 pixel rgb(198, 209, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 209,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6839, 0.3121, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 209, 198) }
```

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

```
.background{ background-color: rgb(198,  
209, 198) }
```

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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