

Converting Colors

Yxy(62.3812, 0.3019, 0.3191)

Have a look what the booklet for
Yxy(62.3812, 0.3019, 0.3191)
contains.

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Color

Yxy(62.4871, 0.3021, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	C9D0D8
RGB	201, 208, 216
RGB Percent	79%, 82%, 85%
CMY	0.2116, 0.1843, 0.1529
CMYK	0.07, 0.04, 0.00, 0.15
HSL	212°, 16%, 82%
HSV	212°, 7%, 85%
XYZ	59.0471, 62.4871, 73.9212
YIQ	206.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

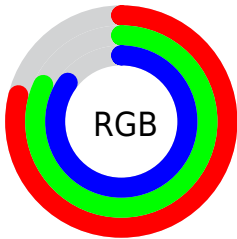
Format	Color
R _Y B	201, 206, 216
Decimal	13226200
CIE Lab	83.17, -0.83, -4.79
CIE LCh	83, 4.864, 260.183
Yxy	62.4871, 0.3021, 0.3197
Android (android.graphics.Color)	4291416280 (0xFFC9D0D8)
YUV	206.8190, 4.5262, -5.1033
Hunter-Lab	79.0488, -5.0012, -0.1100

Details

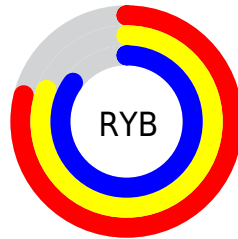
The Yxy color **62.4871, 0.3021, 0.3197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4507, 0.3236, 0.3381**, and the grayscale version is **62.2534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8875, 0.2996, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **54.2644, 0.2862, 0.3049**, and if you desaturate by 10%, it is **71.5478, 0.3173, 0.3329**.

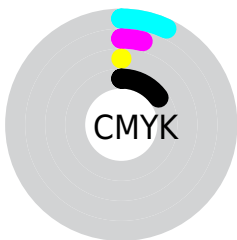
Distribution



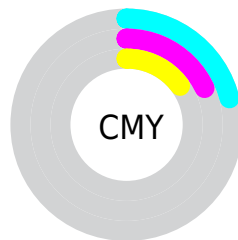
- Red (79%)
- Green (82%)
- Blue (85%)



- Red (79%)
- Yellow (81%)
- Blue (85%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4871, 0.3021, 0.3197 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 62.4871, 0.3021, 0.3197 by changing the saturation by 10% instead.

■ 62.4871, 0.3021,
0.3197

■ 62.4871, 0.3021,
0.3197

433.7057, 0.3071,
0.3241

■ 45.4264, 0.3009,
0.3187

108.4292, 0.3039,
0.3213

■ 31.7934, 0.2994,
0.3173

138.0794, 0.3046,
0.3219

■ 21.2038, 0.2975,
0.3157

172.6949, 0.3051,
0.3224

■ 13.2730, 0.2950,
0.3134

212.6601, 0.3057,
0.3228

■ 7.6168, 0.2914,
0.3102

258.3594, 0.3061,
0.3232

■ 3.8508, 0.2861,
0.3054

310.1771, 0.3065,

■ 1.5904, 0.2771,

0.3236

0.2974

368.4978, 0.3068,
0.3239

0.3511, 0.2268,
0.2541

0.0000, 0.0000,
0.0000

62.4871, 0.3021,
0.3197

62.4871, 0.3021,
0.3197

54.2644, 0.2862,
0.3049

71.5478, 0.3173,
0.3329

46.8456, 0.2697,
0.2886

81.4636, 0.3316,
0.3446

40.2057, 0.2530,
0.2707

90.1453, 0.3375,
0.3555

34.3151, 0.2365,
0.2514

97.2804, 0.3358,
0.3664

■ 29.1421, 0.2208,
0.2311

■ 97.7384, 0.3357,
0.3671

■ 24.6524, 0.2063,
0.2102

■ 20.8077, 0.1936,
0.1892

■ 17.5649, 0.1833,
0.1689

■ 14.8702, 0.1755,
0.1499

Harmonies

Analogous

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



62.4871, 0.3008, 0.3235



62.4871, 0.3021, 0.3197



62.4871, 0.3063, 0.3185

Triad

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



62.4871, 0.3021, 0.3197



62.4871, 0.3230, 0.3291



62.4871, 0.3132, 0.3383

Complementary

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



62.4871, 0.3021, 0.3197



64.4507, 0.3236, 0.3381

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.



62.4871, 0.3191, 0.3398



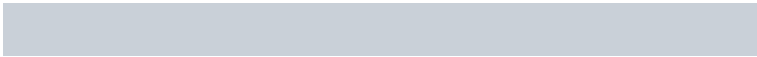
62.4871, 0.3021, 0.3197



62.4871, 0.3248, 0.3344

Square

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



62.4871, 0.3021, 0.3197



62.4871, 0.3183, 0.3239



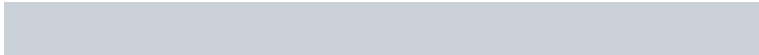
62.4871, 0.3234, 0.3383



62.4871, 0.3071, 0.3342

Rectangle

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



62.4871, 0.3021, 0.3197



62.4871, 0.3101, 0.3192



62.4871, 0.3234, 0.3383



62.4871, 0.3152, 0.3391

Sweetspot

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



62.4897, 0.3021, 0.3197



97.3147, 0.3097, 0.3264



66.1454, 0.3066, 0.3370



20.8576, 0.3098, 0.3265



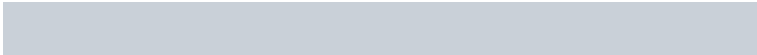
0.0000, 0.0000, 0.0000



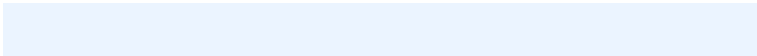
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4897, 0.3021, 0.3197



89.5584, 0.3003, 0.3181



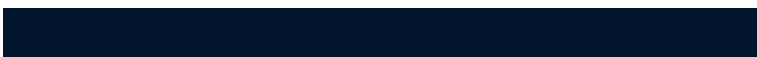
59.2443, 0.3025, 0.3116



12.9495, 0.2982, 0.3162



8.5731, 0.1742, 0.1470



0.6818, 0.1833, 0.1798

Inverse Universe

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



60.9475, 0.3193, 0.3211



86.9839, 0.3205, 0.3198



67.8610, 0.3226, 0.3459



12.5158, 0.3219, 0.3182



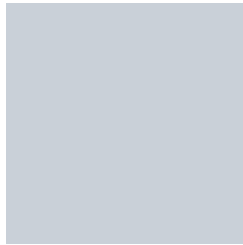
9.2103, 0.5098, 0.2582



0.5721, 0.4687, 0.2356

Previews

White Background



This preview shows how the Yxy color 62.4871, 0.3021, 0.3197 looks on a white background.

Color Contrast Check

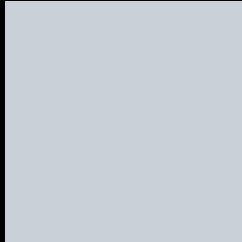
Large Text (above 18pt) WCAG AA × Fail

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 62.4871, 0.3021, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

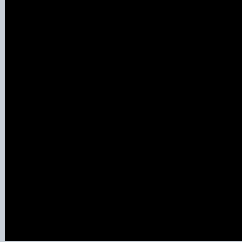
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

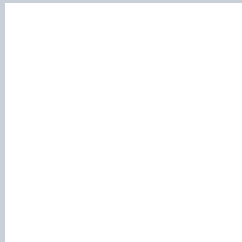
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4871, 0.3021, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 62.4871, 0.3021, 0.3197.



This preview shows how white text looks on a background with the Yxy color 62.4871, 0.3021, 0.3197.

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

62.4871, 0.3021, 0.3197

Protanopia

62.4588, 0.3079, 0.3187

Deuteranopia

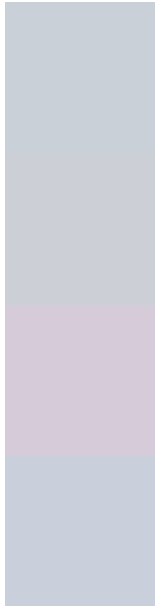
62.3126, 0.3174, 0.3113



Tritanopia

62.5099, 0.2981, 0.3107

Trichromacy



Original Color

62.4871, 0.3021, 0.3197

Protanomaly

62.5111, 0.3057, 0.3198

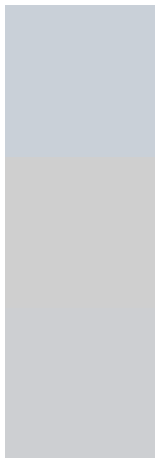
Deuteranomaly

62.4916, 0.3111, 0.3144

Tritanomaly

62.3495, 0.3001, 0.3140

Monochromacy



Original Color

62.4871, 0.3021, 0.3197

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2579, 0.3091, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4871, 0.3021, 0.3197 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(201, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 216)  
}
```

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(201, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.4871, 0.3021, 0.3197 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(201, 208, 216) }
```

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

```
.border{ border-color:rgb(201, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4871, 0.3021, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 216) }
```

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

```
.background{ background-color: rgb(201,  
208, 216) }
```

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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