

Converting Colors

$Yxy(62.6590, 0.3134, 0.3415)$

Have a look what the booklet for
Yxy(62.6590, 0.3134, 0.3415)
contains.

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Color

Yxy(62.6342, 0.3136, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	C9D2C7
RGB	201, 210, 199
RGB Percent	79%, 82%, 78%
CMY	0.2117, 0.1765, 0.2195
CMYK	0.04, 0.00, 0.05, 0.18
HSL	109°, 11%, 80%
HSV	109°, 5%, 82%
XYZ	57.4498, 62.6342, 63.1105
YIQ	206.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

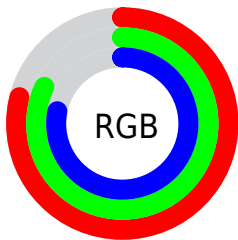
Format	Color
R _Y B	199, 210, 208
Decimal	13226695
CIE Lab	83.25, -5.05, 4.37
CIE LCh	83, 6.673, 139.139
Yxy	62.6342, 0.3136, 0.3419
Android (android.graphics.Color)	4291416775 (0xFFC9D2C7)
YUV	206.0550, -3.4781, -4.4332
Hunter-Lab	79.1418, -8.9232, 8.1193

Details

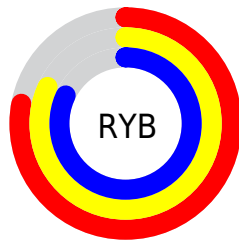
The Yxy color **62.6342, 0.3136, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9224, 0.3118, 0.3163**, and the grayscale version is **61.7866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0243, 0.3139, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **59.4781, 0.3152, 0.3689**, and if you desaturate by 10%, it is **66.1965, 0.3119, 0.3179**.

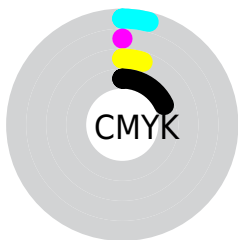
Distribution



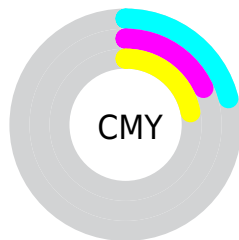
- Red (79%)
- Green (82%)
- Blue (78%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6342, 0.3136, 0.3419 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 62.6342, 0.3136, 0.3419 by changing the saturation by 10% instead.

■ 62.6342, 0.3136,
0.3419

■ 62.6342, 0.3136,
0.3419

434.2407, 0.3132,
0.3357

■ 45.5453, 0.3137,
0.3434

108.6416, 0.3135,
0.3397

■ 31.8872, 0.3138,
0.3452

138.3289, 0.3134,
0.3389

■ 21.2753, 0.3139,
0.3476

172.9846, 0.3134,
0.3382

■ 13.3254, 0.3141,
0.3508

212.9929, 0.3133,
0.3375

■ 7.6530, 0.3143,
0.3554

258.7382, 0.3133,
0.3370

■ 3.8737, 0.3145,
0.3624

310.6051, 0.3133,

■ 1.6032, 0.3148,

0.3365

0.3744

368.9778, 0.3132,
0.3361

0.3597, 0.3289,
0.5410

0.0000, 0.0000,
0.0000

62.6342, 0.3136,
0.3419

62.6342, 0.3136,
0.3419

59.4781, 0.3152,
0.3689

66.1965, 0.3119,
0.3179

56.7061, 0.3165,
0.3988

70.1704, 0.3101,
0.2968

54.3056, 0.3174,
0.4311

74.1107, 0.3130,
0.2849

52.2607, 0.3177,
0.4649

74.5712, 0.3148,
0.2851

■ 50.5541, 0.3172,
0.4987

■ 49.1671, 0.3159,
0.5304

■ 48.0792, 0.3136,
0.5576

■ 47.2671, 0.3105,
0.5783

■ 46.7040, 0.3070,
0.5914

Harmonies

Analogous

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



62.6342, 0.3218, 0.3438



62.6342, 0.3136, 0.3419



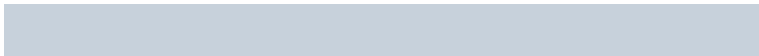
62.6342, 0.3053, 0.3364

Triad

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



62.6342, 0.3136, 0.3419



62.6342, 0.2981, 0.3164



62.6342, 0.3266, 0.3289

Complementary

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



62.6342, 0.3136, 0.3419



58.9224, 0.3118, 0.3163

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.



62.6342, 0.3201, 0.3218



62.6342, 0.3136, 0.3419



62.6342, 0.3036, 0.3146

Square

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



62.6342, 0.3136, 0.3419



62.6342, 0.2964, 0.3216



62.6342, 0.3117, 0.3166



62.6342, 0.3293, 0.3361

Rectangle

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



62.6342, 0.3136, 0.3419



62.6342, 0.3008, 0.3315



62.6342, 0.3117, 0.3166



62.6342, 0.3248, 0.3264

Sweetspot

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



62.6369, 0.3136, 0.3419



98.8932, 0.3131, 0.3339



62.9304, 0.3206, 0.3394



21.1788, 0.3130, 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.



62.6369, 0.3136, 0.3419



96.7566, 0.3137, 0.3441



62.5252, 0.3097, 0.3378



13.5072, 0.3138, 0.3454



28.4018, 0.3062, 0.5951



1.6200, 0.3179, 0.5858

Inverse Universe

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



58.9224, 0.3118, 0.3163



90.0993, 0.3116, 0.3142



59.0424, 0.3158, 0.3203



12.4994, 0.3115, 0.3129



8.2132, 0.2755, 0.1292



0.4882, 0.2843, 0.1340

Previews

White Background



This preview shows how the Yxy color 62.6342, 0.3136, 0.3419 looks on a white background.

Color Contrast Check

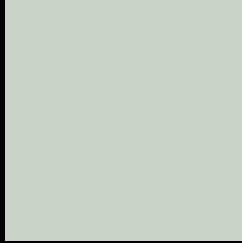
Large Text (above 18pt) WCAG AA × Fail

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 62.6342, 0.3136, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

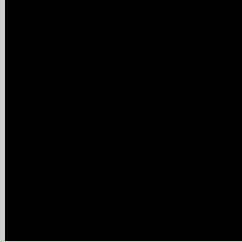
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

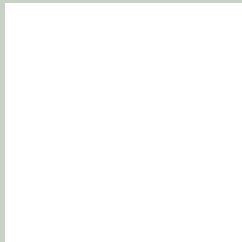
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6342, 0.3136, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 62.6342, 0.3136, 0.3419.



This preview shows how white text looks on a background with the Yxy color 62.6342, 0.3136, 0.3419.

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

62.6342, 0.3136, 0.3419

Protanopia

62.3200, 0.3245, 0.3394

Deuteranopia

62.1836, 0.3350, 0.3280



Tritanopia

62.4495, 0.3003, 0.3096

Trichromacy



Original Color

62.6342, 0.3136, 0.3419

Protanomaly

62.2582, 0.3206, 0.3395

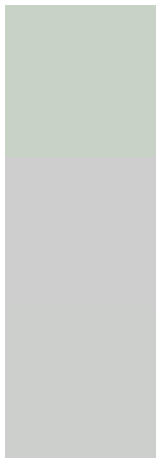
Deuteranomaly

62.4159, 0.3272, 0.3336

Tritanomaly

62.3181, 0.3056, 0.3209

Monochromacy



Original Color

62.6342, 0.3136, 0.3419

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7748, 0.3133, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6342, 0.3136, 0.3419 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, 210, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 210, 199)  
}
```

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, 210, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 210, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.6342, 0.3136, 0.3419 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, 210, 199) }
```

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

```
.border{ border-color:rgb(201, 210, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 210, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 210, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 210, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 210,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6342, 0.3136, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 210, 199) }
```

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

```
.background{ background-color: rgb(201,  
210, 199) }
```

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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