

Converting Colors

$Yxy(61.1537, 0.3132, 0.3377)$

Have a look what the booklet for
Yxy(61.1537, 0.3132, 0.3377)
contains.

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Color

Yxy(61.2133, 0.3131, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	C9CFC8
RGB	201, 207, 200
RGB Percent	79%, 81%, 78%
CMY	0.2118, 0.1882, 0.2158
CMYK	0.03, 0.00, 0.03, 0.19
HSL	111°, 7%, 80%
HSV	111°, 3%, 81%
XYZ	56.8215, 61.2133, 63.4455
YIQ	204.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

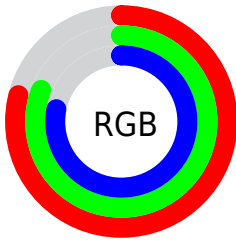
Format	Color
RYP	200, 207, 206
Decimal	13225928
CIELab	82.49, -3.33, 2.77
CIElCh	82, 4.333, 140.307
Yxy	61.2133, 0.3131, 0.3373
Android (android.graphics.Color)	4291416008 (0xFFC9CFC8)
YUV	204.4080, -2.1731, -2.9888
Hunter-Lab	78.2389, -7.2815, 6.6878

Details

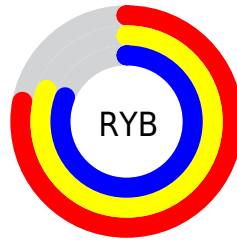
The Yxy color **61.2133, 0.3131, 0.3373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9204, 0.3123, 0.3208**, and the grayscale version is **60.6696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0608, 0.3132, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **58.0008, 0.3141, 0.3638**, and if you desaturate by 10%, it is **64.8445, 0.3119, 0.3139**.

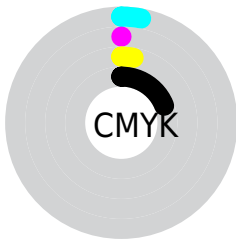
Distribution



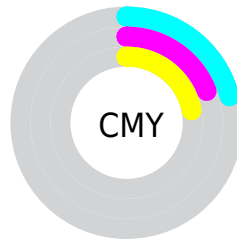
- Red (79%)
- Green (81%)
- Blue (78%)



- Red (78%)
- Yellow (81%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2133, 0.3131, 0.3373 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 61.2133, 0.3131, 0.3373 by changing the saturation by 10% instead.

■ 61.2133, 0.3131,
0.3373

■ 61.2133, 0.3131,
0.3373

429.0557, 0.3129,
0.3333

■ 44.3973, 0.3131,
0.3382

106.5877, 0.3130,
0.3359

■ 30.9830, 0.3132,
0.3394

135.9150, 0.3130,
0.3354

■ 20.5859, 0.3132,
0.3410

170.1814, 0.3130,
0.3349

■ 12.8216, 0.3133,
0.3431

209.7715, 0.3130,
0.3345

■ 7.3058, 0.3134,
0.3460

255.0695, 0.3130,
0.3341

■ 3.6541, 0.3135,
0.3506

306.4600, 0.3130,

■ 1.4820, 0.3137,

0.3338

0.3584

364.3272, 0.3129,
0.3336

0.2760, 0.3208,
0.4893

0.0000, 0.0000,
0.0000

61.2133, 0.3131,
0.3373

61.2133, 0.3131,
0.3373

58.0008, 0.3141,
0.3638

64.8445, 0.3119,
0.3139

55.1842, 0.3149,
0.3933

68.9004, 0.3107,
0.2934

52.7506, 0.3154,
0.4255

72.9330, 0.3142,
0.2820

50.6833, 0.3153,
0.4595

73.1103, 0.3149,
0.2821

■ 48.9643, 0.3147,
0.4938

■ 47.5742, 0.3133,
0.5264

■ 46.4916, 0.3112,
0.5548

■ 45.6925, 0.3086,
0.5769

■ 45.1490, 0.3056,
0.5911

Harmonies

Analogous

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



61.2133, 0.3185, 0.3386



61.2133, 0.3131, 0.3373



61.2133, 0.3077, 0.3337

Triad

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



61.2133, 0.3131, 0.3373



61.2133, 0.3032, 0.3207



61.2133, 0.3219, 0.3291

Complementary

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



61.2133, 0.3131, 0.3373



58.9204, 0.3123, 0.3208

Split Complementary

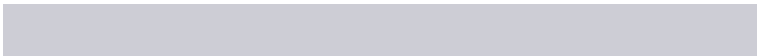
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.2133, 0.3178, 0.3244



61.2133, 0.3131, 0.3373



61.2133, 0.3070, 0.3195

Square

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



61.2133, 0.3131, 0.3373



61.2133, 0.3020, 0.3240



61.2133, 0.3123, 0.3209



61.2133, 0.3236, 0.3339

Rectangle

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



61.2133, 0.3131, 0.3373



61.2133, 0.3047, 0.3305



61.2133, 0.3123, 0.3209



61.2133, 0.3208, 0.3275

Sweetspot

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



61.2159, 0.3131, 0.3373



99.4259, 0.3128, 0.3314



61.5560, 0.3178, 0.3360



21.2873, 0.3128, 0.3313



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.



61.2159, 0.3131, 0.3373



97.7446, 0.3132, 0.3389



61.1906, 0.3106, 0.3344



13.6328, 0.3132, 0.3406



28.3164, 0.3043, 0.5965



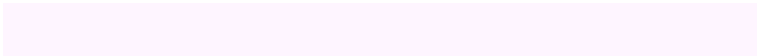
1.6104, 0.3144, 0.5885

Inverse Universe

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



58.9204, 0.3123, 0.3208



93.3835, 0.3122, 0.3192



58.9479, 0.3149, 0.3237



12.9261, 0.3121, 0.3176



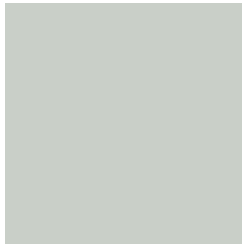
8.7510, 0.2847, 0.1342



0.5137, 0.2917, 0.1381

Previews

White Background



This preview shows how the Yxy color 61.2133, 0.3131, 0.3373 looks on a white background.

Color Contrast Check

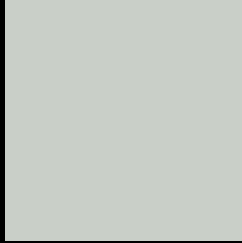
Large Text (above 18pt) WCAG AA × Fail

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 61.2133, 0.3131, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

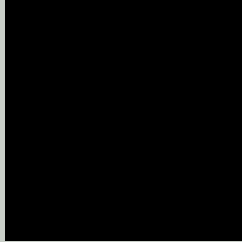
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

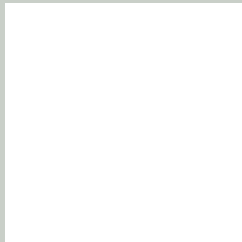
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2133, 0.3131, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 61.2133, 0.3131, 0.3373.



This preview shows how white text looks on a background with the Yxy color 61.2133, 0.3131, 0.3373.

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

61.2133, 0.3131, 0.3373

Protanopia

60.9646, 0.3217, 0.3360

Deuteranopia

60.8212, 0.3321, 0.3246



Tritanopia

61.1904, 0.3016, 0.3106

Trichromacy



Original Color

61.2133, 0.3131, 0.3373

Protanomaly

61.0516, 0.3185, 0.3360

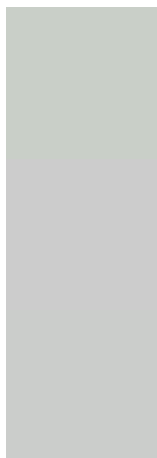
Deuteranomaly

60.7420, 0.3253, 0.3290

Tritanomaly

61.1632, 0.3056, 0.3197

Monochromacy



Original Color

61.2133, 0.3131, 0.3373

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6710, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2133, 0.3131, 0.3373 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, 207, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 200)  
}
```

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, 207, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 200) }
```

Border

The CSS property to change the border of an element to Yxy 61.2133, 0.3131, 0.3373 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, 207, 200) }
```

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

```
.border{ border-color:rgb(201, 207, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2133, 0.3131, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 200) }
```

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

```
.background{ background-color: rgb(201,  
207, 200) }
```

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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