

Converting Colors

$Yxy(61.3793, 0.3130, 0.3362)$

Have a look what the booklet for
Yxy(61.3793, 0.3130, 0.3362)
contains.

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Color

Yxy(61.3992, 0.3131, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	CACFC9
RGB	202, 207, 201
RGB Percent	79%, 81%, 79%
CMY	0.2081, 0.1881, 0.2118
CMYK	0.02, 0.00, 0.03, 0.19
HSL	111°, 6%, 80%
HSV	111°, 3%, 81%
XYZ	57.1975, 61.3992, 64.0846
YIQ	204.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

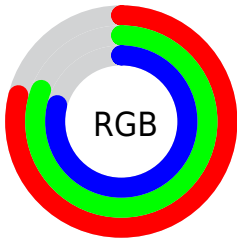
Format	Color
RYB	201, 207, 206
Decimal	13291465
CIELab	82.59, -2.84, 2.38
CIELCh	83, 3.702, 139.999
Yxy	61.3992, 0.3131, 0.3361
Android (android.graphics.Color)	4291481545 (0xFFCACFC9)
YUV	204.8210, -1.8838, -2.4740
Hunter-Lab	78.3576, -6.8290, 6.3602

Details

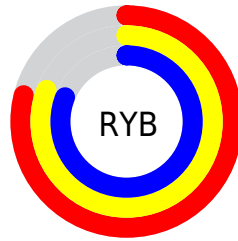
The Yxy color **61.3992, 0.3131, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4051, 0.3123, 0.3220**, and the grayscale version is **60.9384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1849, 0.3133, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **58.1954, 0.3143, 0.3624**, and if you desaturate by 10%, it is **65.0147, 0.3118, 0.3128**.

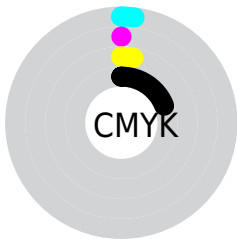
Distribution



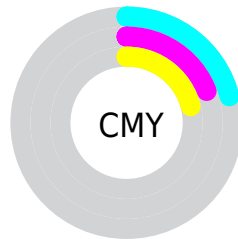
- Red (79%)
- Green (81%)
- Blue (79%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3992, 0.3131, 0.3361 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 61.3992, 0.3131, 0.3361 by changing the saturation by 10% instead.

■ 61.3992, 0.3131,
0.3361

■ 61.3992, 0.3131,
0.3361

429.7362, 0.3129,
0.3327

■ 44.5474, 0.3131,
0.3369

106.8567, 0.3130,
0.3349

■ 31.1011, 0.3132,
0.3379

136.2313, 0.3130,
0.3344

■ 20.6758, 0.3132,
0.3392

170.5489, 0.3130,
0.3340

■ 12.8873, 0.3133,
0.3410

210.1939, 0.3130,
0.3337

■ 7.3510, 0.3134,
0.3435

255.5507, 0.3130,
0.3334

■ 3.6825, 0.3136,
0.3474

307.0038, 0.3130,

■ 1.4976, 0.3138,

0.3331

364.9375, 0.3129,
0.3329

0.3540

0.2870, 0.3197,
0.4508

0.0000, 0.0000,
0.0000

61.3992, 0.3131,
0.3361

61.3992, 0.3131,
0.3361

58.1954, 0.3143,
0.3624

65.0147, 0.3118,
0.3128

55.3812, 0.3153,
0.3918

69.0477, 0.3104,
0.2925

52.9438, 0.3159,
0.4238

72.9815, 0.3144,
0.2821

50.8673, 0.3161,
0.4576

73.1181, 0.3149,
0.2821

■ 49.1342, 0.3156,
0.4918

■ 47.7256, 0.3143,
0.5244

■ 46.6210, 0.3123,
0.5530

■ 45.7971, 0.3095,
0.5754

■ 45.2273, 0.3064,
0.5901

Harmonies

Analogous

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



61.3992, 0.3177, 0.3372



61.3992, 0.3131, 0.3361



61.3992, 0.3085, 0.3330

Triad

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



61.3992, 0.3131, 0.3361



61.3992, 0.3046, 0.3219



61.3992, 0.3205, 0.3291

Complementary

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



61.3992, 0.3131, 0.3361



59.4051, 0.3123, 0.3220

Split Complementary

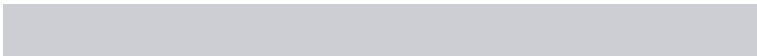
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.3992, 0.3170, 0.3251



61.3992, 0.3131, 0.3361



61.3992, 0.3078, 0.3209

Square

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



61.3992, 0.3131, 0.3361



61.3992, 0.3036, 0.3248



61.3992, 0.3123, 0.3221



61.3992, 0.3220, 0.3331

Rectangle

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



61.3992, 0.3131, 0.3361



61.3992, 0.3059, 0.3303



61.3992, 0.3123, 0.3221



61.3992, 0.3195, 0.3277

Sweetspot

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



61.4018, 0.3131, 0.3361



99.4315, 0.3129, 0.3314



61.6371, 0.3170, 0.3349



21.2884, 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.



61.4018, 0.3131, 0.3361



97.7662, 0.3132, 0.3389



61.3652, 0.3110, 0.3337



13.6363, 0.3133, 0.3406



28.3419, 0.3049, 0.5961



1.6135, 0.3155, 0.5877

Inverse Universe

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



59.4051, 0.3123, 0.3220



93.3610, 0.3121, 0.3192



59.4436, 0.3145, 0.3243



12.9224, 0.3120, 0.3176



8.5752, 0.2817, 0.1326



0.5054, 0.2893, 0.1368

Previews

White Background



This preview shows how the Yxy color 61.3992, 0.3131, 0.3361 looks on a white background.

Color Contrast Check

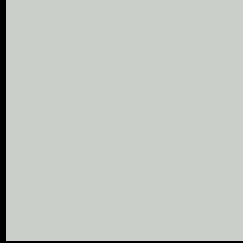
Large Text (above 18pt) WCAG AA × Fail

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 61.3992, 0.3131, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

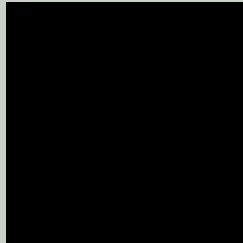
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

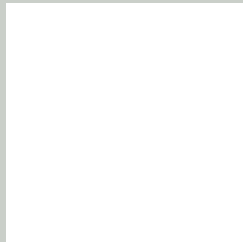
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3992, 0.3131, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 61.3992, 0.3131, 0.3361.



This preview shows how white text looks on a background with the Yxy color 61.3992, 0.3131, 0.3361.

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

61.3992, 0.3131, 0.3361

Protanopia

61.5344, 0.3201, 0.3348

Deuteranopia

61.3274, 0.3312, 0.3246



Tritanopia

61.3322, 0.3023, 0.3107

Trichromacy



Original Color

61.3992, 0.3131, 0.3361

Protanomaly

61.5781, 0.3177, 0.3360

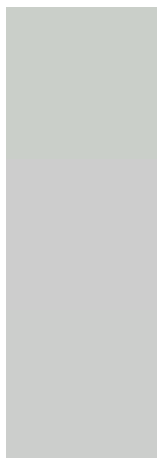
Deuteranomaly

61.2570, 0.3244, 0.3290

Tritanomaly

61.3041, 0.3064, 0.3197

Monochromacy



Original Color

61.3992, 0.3131, 0.3361

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3396, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3992, 0.3131, 0.3361 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(202, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 201)  
}
```

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(202, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.3992, 0.3131, 0.3361 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(202, 207, 201) }
```

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

```
.border{ border-color:rgb(202, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3992, 0.3131, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 201) }
```

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

```
.background{ background-color: rgb(202,  
207, 201) }
```

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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