

Converting Colors

Yxy(61.3410, 0.3133, 0.3306)

Have a look what the booklet for
Yxy(61.3410, 0.3133, 0.3306)
contains.

Yxy(61.4814, 0.3134, 0.3313)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(61.4814, 0.3134, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	CDCECC
RGB	205, 206, 204
RGB Percent	80%, 81%, 80%
CMY	0.1959, 0.1922, 0.2000
CMYK	0.00, 0.00, 0.01, 0.19
HSL	88°, 2%, 80%
HSV	88°, 1%, 81%
XYZ	58.1596, 61.4814, 65.9352
YIQ	205.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

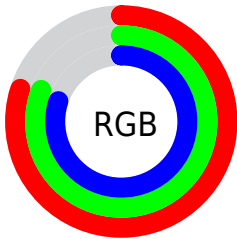
Format	Color
RYB	204, 206, 205
Decimal	13487820
CIELab	82.64, -0.67, 0.86
CIELCh	83, 1.089, 128.083
Yxy	61.4814, 0.3134, 0.3313
Android (android.graphics.Color)	4291677900 (0xFFCDCECC)
YUV	205.4730, -0.7262, -0.4148
Hunter-Lab	78.4101, -4.8177, 5.0299

Details

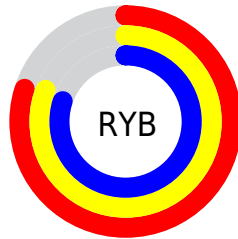
The Yxy color **61.4814, 0.3134, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6182, 0.3120, 0.3267**, and the grayscale version is **61.3785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2378, 0.3136, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **59.2214, 0.3206, 0.3565**, and if you desaturate by 10%, it is **63.9631, 0.3064, 0.3083**.

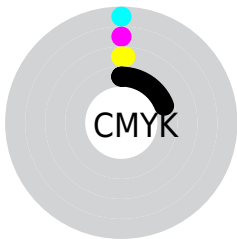
Distribution



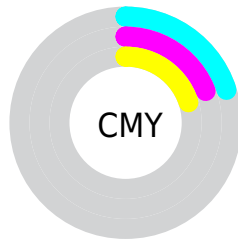
- Red (80%)
- Green (81%)
- Blue (80%)



- Red (80%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4814, 0.3134, 0.3313 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 61.4814, 0.3134, 0.3313 by changing the saturation by 10% instead.

■ 61.4814, 0.3134,
0.3313

■ 61.4814, 0.3134,
0.3313

430.0369, 0.3131,
0.3302

■ 44.6138, 0.3135,
0.3316

106.9757, 0.3133,
0.3309

■ 31.1533, 0.3136,
0.3319

136.3711, 0.3132,
0.3308

■ 20.7156, 0.3137,
0.3323

170.7113, 0.3132,
0.3306

■ 12.9163, 0.3139,
0.3329

210.3806, 0.3132,
0.3305

■ 7.3709, 0.3141,
0.3337

255.7634, 0.3131,
0.3304

■ 3.6951, 0.3144,
0.3349

307.2441, 0.3131,

■ 1.5045, 0.3150,

0.3304

365.2071, 0.3131,
0.3303

0.3369

0.2919, 0.3219,
0.3600

0.0000, 0.0000,
0.0000

61.4814, 0.3134,
0.3313

61.4814, 0.3134,
0.3313

59.2214, 0.3206,
0.3565

63.9631, 0.3064,
0.3083

57.1686, 0.3276,
0.3836


66.6648, 0.2996,
0.2875


55.3185, 0.3343,
0.4123


68.8795, 0.3001,
0.2789


53.6637, 0.3403,
0.4418


70.5696, 0.3070,
0.2799


 52.1963, 0.3450,
0.4711


 72.3511, 0.3139,
0.2810

 50.9076, 0.3481,
0.4988

 72.6166, 0.3150,
0.2811

 49.7880, 0.3492,
0.5235

 48.8270, 0.3480,
0.5438

 48.0121, 0.3446,
0.5587

Harmonies

Analogous

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



61.4814, 0.3146, 0.3314



61.4814, 0.3134, 0.3313



61.4814, 0.3120, 0.3306

Triad

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



61.4814, 0.3134, 0.3313



61.4814, 0.3101, 0.3272



61.4814, 0.3147, 0.3286

Complementary

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



61.4814, 0.3134, 0.3313



60.6182, 0.3120, 0.3267

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.



61.4814, 0.3135, 0.3274



61.4814, 0.3134, 0.3313



61.4814, 0.3108, 0.3267

Square

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



61.4814, 0.3134, 0.3313



61.4814, 0.3101, 0.3282



61.4814, 0.3120, 0.3268



61.4814, 0.3154, 0.3298

Rectangle

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



61.4814, 0.3134, 0.3313



61.4814, 0.3111, 0.3299



61.4814, 0.3120, 0.3268



61.4814, 0.3143, 0.3282

Sweetspot

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



61.4840, 0.3134, 0.3313

100.0000, 0.3127, 0.3290



61.1113, 0.3142, 0.3301



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



61.4840, 0.3134, 0.3313



99.6096, 0.3134, 0.3314



61.3453, 0.3127, 0.3313



13.2387, 0.3134, 0.3313



29.2386, 0.3411, 0.5673



1.5533, 0.3557, 0.5558

Inverse Universe

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



60.6182, 0.3120, 0.3267



98.1290, 0.3120, 0.3266



60.7578, 0.3128, 0.3267



13.0562, 0.3120, 0.3267



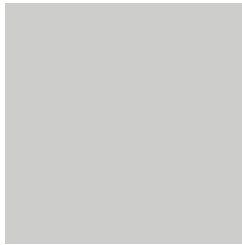
4.3685, 0.1976, 0.0862



0.2704, 0.2196, 0.0983

Previews

White Background



This preview shows how the Yxy color 61.4814, 0.3134, 0.3313 looks on a white background.

Color Contrast Check

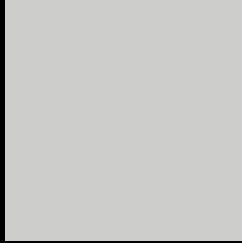
Large Text (above 18pt) WCAG AA × Fail

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 61.4814, 0.3134, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

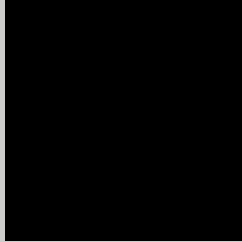
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

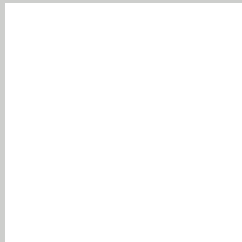
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4814, 0.3134, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 61.4814, 0.3134, 0.3313.

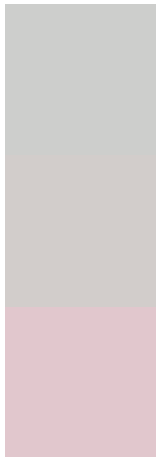


This preview shows how white text looks on a background with the Yxy color 61.4814, 0.3134, 0.3313.

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

61.4814, 0.3134, 0.3313

Protanopia

61.6761, 0.3180, 0.3313

Deuteranopia

61.2622, 0.3288, 0.3224



Tritanopia

61.6184, 0.3038, 0.3107

Trichromacy



Original Color

61.4814, 0.3134, 0.3313

Protanomaly

61.3843, 0.3164, 0.3313

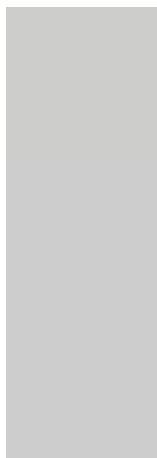
Deuteranomaly

61.5543, 0.3230, 0.3256

Tritanomaly

61.6395, 0.3072, 0.3186

Monochromacy



Original Color

61.4814, 0.3134, 0.3313

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0496, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4814, 0.3134, 0.3313 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(205, 206, 204) looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 204)  
}
```

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(205, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.4814, 0.3134, 0.3313 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(205, 206, 204) }
```

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

```
.border{ border-color:rgb(205, 206, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 206, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
204) }
```

Background

The CSS property to change the background color of an element to Yxy 61.4814, 0.3134, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 204) }
```

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

```
.background{ background-color: rgb(205,  
206, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor