

Converting Colors

Yxy(61.6006, 0.3146, 0.3357)

Have a look what the booklet for
Yxy(61.6006, 0.3146, 0.3357)
contains.

Yxy(61.6801, 0.3147, 0.3360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.6801, 0.3147, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	CCCFC9
RGB	204, 207, 201
RGB Percent	80%, 81%, 79%
CMY	0.1998, 0.1883, 0.2117
CMYK	0.01, 0.00, 0.03, 0.19
HSL	89°, 6%, 80%
HSV	89°, 3%, 81%
XYZ	57.7700, 61.6801, 64.1216
YIQ	205.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

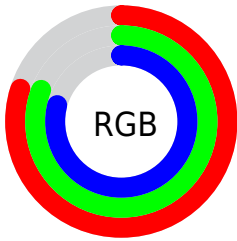
Format	Color
R _Y B	201, 207, 204
Decimal	13422537
CIE Lab	82.74, -2.08, 2.61
CIE LCh	83, 3.334, 128.583
Yxy	61.6801, 0.3147, 0.3360
Android (android.graphics.Color)	4291612617 (0xFFCCCCFC9)
YUV	205.4190, -2.1786, -1.2445
Hunter-Lab	78.5367, -6.1381, 6.5681

Details

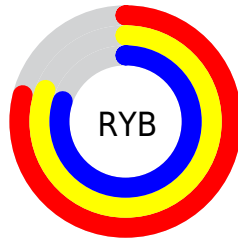
The Yxy color **61.6801, 0.3147, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1079, 0.3107, 0.3220**, and the grayscale version is **61.3520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3731, 0.3153, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **59.3884, 0.3216, 0.3616**, and if you desaturate by 10%, it is **64.2013, 0.3079, 0.3126**.

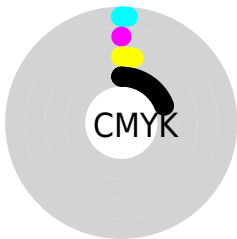
Distribution



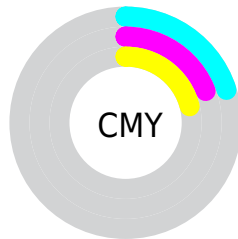
- Red (80%)
- Green (81%)
- Blue (79%)



- Red (79%)
- Yellow (81%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6801, 0.3147, 0.3360 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 61.6801, 0.3147, 0.3360 by changing the saturation by 10% instead.

■ 61.6801, 0.3147,
0.3360

■ 61.6801, 0.3147,
0.3360

430.7632, 0.3138,
0.3327

■ 44.7743, 0.3149,
0.3368

107.2631, 0.3144,
0.3348

■ 31.2797, 0.3152,
0.3378

136.7090, 0.3142,
0.3344

■ 20.8119, 0.3155,
0.3391

171.1037, 0.3141,
0.3340

■ 12.9866, 0.3160,
0.3408

210.8316, 0.3140,
0.3336

■ 7.4193, 0.3167,
0.3433

256.2771, 0.3140,
0.3334

■ 3.7257, 0.3177,
0.3470

307.8246, 0.3139,

■ 1.5213, 0.3193,

0.3331

365.8585, 0.3138,
0.3329

0.3534

0.3037, 0.3448,
0.4401

0.0000, 0.0000,
0.0000

61.6801, 0.3147,
0.3360

61.6801, 0.3147,
0.3360

59.3884, 0.3216,
0.3616

64.2013, 0.3079,
0.3126

57.3114, 0.3283,
0.3892

66.9508, 0.3013,
0.2914

55.4443, 0.3346,
0.4183

69.4046, 0.3002,
0.2799

53.7793, 0.3400,
0.4481

71.1714, 0.3074,
0.2810

■ 52.3080, 0.3442,
0.4774

■ 73.0378, 0.3147,
0.2821

■ 51.0213, 0.3467,
0.5050

■ 73.0993, 0.3149,
0.2821

■ 49.9091, 0.3471,
0.5292

■ 48.9601, 0.3452,
0.5488

■ 48.1609, 0.3413,
0.5629

Harmonies

Analogous

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



61.6801, 0.3185, 0.3363



61.6801, 0.3147, 0.3360



61.6801, 0.3104, 0.3338

Triad

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



61.6801, 0.3147, 0.3360



61.6801, 0.3048, 0.3234



61.6801, 0.3187, 0.3276

Complementary

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



61.6801, 0.3147, 0.3360



59.1079, 0.3107, 0.3220

Split Complementary

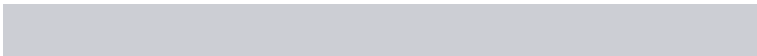
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.6801, 0.3150, 0.3243



61.6801, 0.3147, 0.3360



61.6801, 0.3070, 0.3218

Square

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



61.6801, 0.3147, 0.3360



61.6801, 0.3047, 0.3265



61.6801, 0.3107, 0.3222



61.6801, 0.3208, 0.3314

Rectangle

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



61.6801, 0.3147, 0.3360



61.6801, 0.3078, 0.3316



61.6801, 0.3107, 0.3222



61.6801, 0.3176, 0.3264

Sweetspot

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



61.6828, 0.3147, 0.3360



99.6011, 0.3134, 0.3314



60.6175, 0.3172, 0.3324



21.3229, 0.3134, 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.



61.6828, 0.3147, 0.3360



98.8144, 0.3148, 0.3364



61.2688, 0.3125, 0.3360



13.7933, 0.3153, 0.3382



30.0943, 0.3386, 0.5694



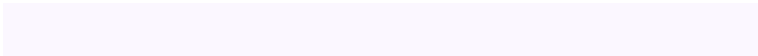
1.7298, 0.3525, 0.5583

Inverse Universe

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



59.1079, 0.3107, 0.3220



94.4820, 0.3106, 0.3216



59.5295, 0.3130, 0.3221



13.0448, 0.3101, 0.3198



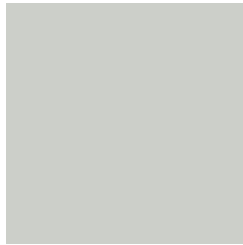
4.6460, 0.2009, 0.0880



0.3069, 0.2212, 0.0992

Previews

White Background



This preview shows how the Yxy color 61.6801, 0.3147, 0.3360 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 61.6801, 0.3147, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

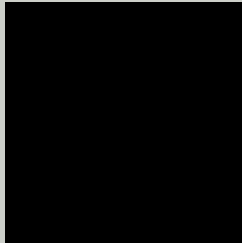
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

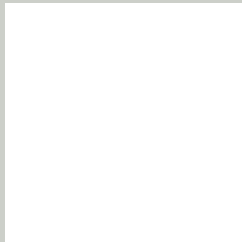
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6801, 0.3147, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 61.6801, 0.3147, 0.3360.



This preview shows how white text looks on a background with the Yxy color 61.6801, 0.3147, 0.3360.

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

61.6801, 0.3147, 0.3360

Protanopia

61.6817, 0.3209, 0.3348

Deuteranopia

61.4895, 0.3320, 0.3246



Tritanopia

61.6184, 0.3038, 0.3107

Trichromacy



Original Color

61.6801, 0.3147, 0.3360

Protanomaly

61.7226, 0.3185, 0.3360

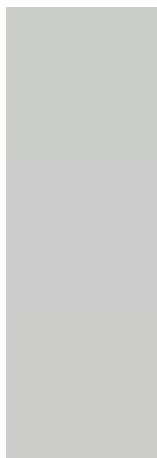
Deuteranomaly

61.5654, 0.3260, 0.3290

Tritanomaly

61.5886, 0.3079, 0.3198

Monochromacy



Original Color

61.6801, 0.3147, 0.3360

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.4814, 0.3134, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6801, 0.3147, 0.3360 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(204, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.6801, 0.3147, 0.3360 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(204, 207, 201) }
```

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

```
.border{ border-color:rgb(204, 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(204, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6801, 0.3147, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 201) }
```

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

```
.background{ background-color: rgb(204,  
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](#).

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