

Converting Colors

Yxy(66.6281, 0.3143, 0.3999)

Have a look what the booklet for
Yxy(66.6281, 0.3143, 0.3999)
contains.

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Color

Yxy(66.4874, 0.3141, 0.3996)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B0E2A9 |
| RGB | 176, 226, 169 |
| RGB Percent | 69%, 89%, 66% |
| CMY | 0.3099, 0.1137, 0.3371 |
| CMYK | 0.22, 0.00, 0.25, 0.11 |
| HSL | 113°, 50%, 77% |
| HSV | 113°, 25%, 89% |
| XYZ | 52.2615, 66.4874, 47.6360 |
| YIQ | 204.5520, -11.5030, -28.3270 |

Conversions

Conversions Part 2

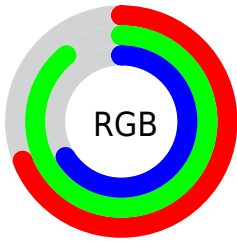
| Format | Color |
|-------------------------------------|--|
| RYB | 169, 226, 219 |
| Decimal | 11592361 |
| CIELab | 85.24, -26.78, 22.73 |
| CIElCh | 85, 35.122, 139.671 |
| Yxy | 66.4874, 0.3141, 0.3996 |
| Android (android.graphics.Color) | 4289782441 (0xFFB0E2A9) |
| YUV | 204.5520, -17.5271, -25.0401 |
| Hunter-Lab | 81.5398, -28.2883, 22.4403 |

Details

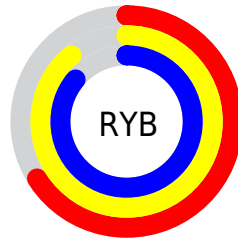
The Yxy color **66.4874, 0.3141, 0.3996** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.9556, 0.3098, 0.2653**, and the grayscale version is **60.8706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0576, 0.3162, 0.3605**, and **34.1714, 0.3129, 0.4174** is the 20% darker color. If you saturate the color by 10%, you get **63.5663, 0.3141, 0.4326**, and if you desaturate by 10%, it is **69.8992, 0.3137, 0.3692**.

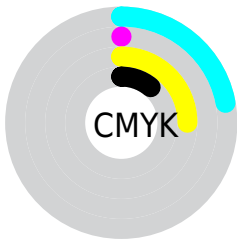
Distribution



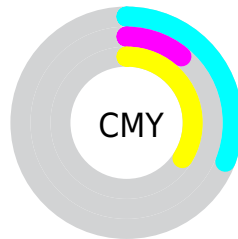
- Red (69%)
- Green (89%)
- Blue (66%)



- Red (66%)
- Yellow (89%)
- Blue (86%)



- Cyan (22%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)




- Cyan (31%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4874, 0.3141, 0.3996 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 66.4874, 0.3141, 0.3996 by changing the saturation by 10% instead.


 66.4874, 0.3141,
0.3996

 66.4874, 0.3141,
0.3996


448.1180, 0.3142,
0.3650

 48.6682, 0.3139,
0.4080


 114.1856, 0.3143,
0.3872

 34.3563, 0.3134,
0.4186


144.8334, 0.3143,
0.3825

 23.1675, 0.3126,
0.4325


180.5261, 0.3143,
0.3785

 14.7172, 0.3112,
0.4513

221.6482, 0.3143,
0.3751

 8.6212, 0.3085,
0.4782

268.5840, 0.3143,
0.3721

 4.4949, 0.3025,
0.5194


321.7180, 0.3143,


 1.9541, 0.3025,

0.3694


0.6188


381.4345, 0.3142,
0.3671


 0.5806, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 66.4874, 0.3141,
0.3996


 66.4874, 0.3141,
0.3996


 63.5663, 0.3141,
0.4326


 69.8992, 0.3137,
0.3692

 61.1053, 0.3137,
0.4672

 73.8140, 0.3131,
0.3419

 59.0832, 0.3127,
0.5018

 78.2541, 0.3123,
0.3178

 57.4740, 0.3111,
0.5341

 82.8765, 0.3140,
0.3009

■ 56.2489, 0.3090,
0.5615

■ 55.3751, 0.3064,
0.5819

■ 54.8141, 0.3038,
0.5942

■ 54.6365, 0.3027,
0.5979

Harmonies

Analogous

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



66.4874, 0.3565, 0.4073



66.4874, 0.3141, 0.3996



66.4874, 0.2731, 0.3680

Triad

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



66.4874, 0.3141, 0.3996



66.4874, 0.2406, 0.2644



66.4874, 0.3860, 0.3262

Complementary

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



66.4874, 0.3141, 0.3996



48.9556, 0.3098, 0.2653

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.



66.4874, 0.3508, 0.2936



66.4874, 0.3141, 0.3996



66.4874, 0.2666, 0.2589

Square

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



66.4874, 0.3141, 0.3996



66.4874, 0.2326, 0.2873



66.4874, 0.3064, 0.2697



66.4874, 0.3999, 0.3613

Rectangle

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



66.4874, 0.3141, 0.3996



66.4874, 0.2519, 0.3396



66.4874, 0.3064, 0.2697



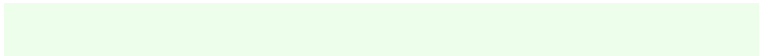
66.4874, 0.3762, 0.3147

Sweetspot

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



66.4902, 0.3141, 0.3996



95.5138, 0.3133, 0.3494



69.3929, 0.3526, 0.3840



20.2740, 0.3134, 0.3534



0.0000, 0.0000, 0.0000



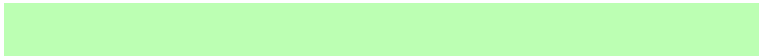
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4902, 0.3141, 0.3996



85.4218, 0.3142, 0.4158



66.5512, 0.2967, 0.3736



15.4167, 0.3134, 0.3531



31.1950, 0.3032, 0.5974



2.1890, 0.3106, 0.5916

Inverse Universe

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



48.9556, 0.3098, 0.2653



58.7969, 0.3090, 0.2524



48.9761, 0.3332, 0.2883



13.8466, 0.3119, 0.3058



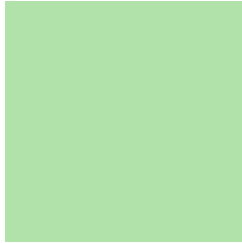
10.0554, 0.2905, 0.1374



0.7211, 0.2955, 0.1401

Previews

White Background



This preview shows how the Yxy color 66.4874, 0.3141, 0.3996 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 66.4874, 0.3141, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

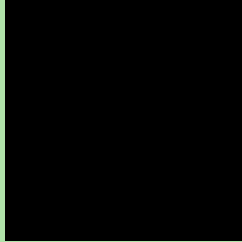
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4874, 0.3141, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 66.4874, 0.3141, 0.3996.

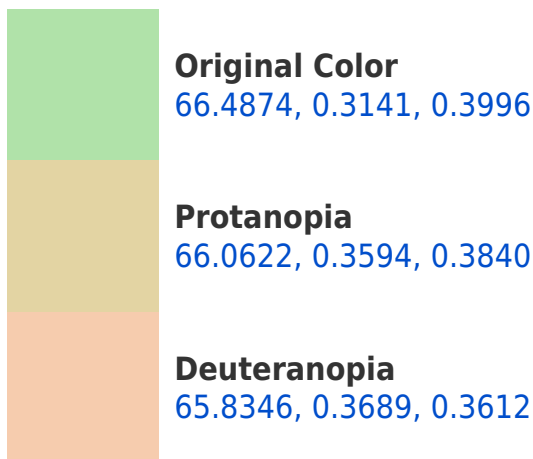


This preview shows how white text looks on a background with the Yxy color 66.4874, 0.3141, 0.3996.

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





Tritanopia

66.1887, 0.2809, 0.3083

Trichromacy



Original Color

66.4874, 0.3141, 0.3996

Protanomaly

65.7522, 0.3417, 0.3899

Deuteranomaly

65.4377, 0.3481, 0.3746

Tritanomaly

65.9568, 0.2929, 0.3396

Monochromacy



Original Color

66.4874, 0.3141, 0.3996

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.8636, 0.3130, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4874, 0.3141, 0.3996 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(176, 226, 169)` looks like.

```
.text, #text, p{  
    color:rgb(176, 226, 169)  
}
```

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(176, 226, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 226, 169) }
```

Border

The CSS property to change the border of an element to Yxy 66.4874, 0.3141, 0.3996 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(176, 226, 169) }
```

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

```
.border{ border-color:rgb(176, 226, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 226, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 226, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 226, 169);  
box-shadow:4px 4px 4px 4px rgb(176, 226,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4874, 0.3141, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 226, 169) }
```

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

```
.background{ background-color: rgb(176,  
226, 169) }
```

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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