

Converting Colors

Yxy(69.1485, 0.3069, 0.3545)

Have a look what the booklet for
Yxy(69.1485, 0.3069, 0.3545)
contains.

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Color

Yxy(69.1777, 0.3067, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	C3E0CA
RGB	195, 224, 202
RGB Percent	76%, 88%, 79%
CMY	0.2351, 0.1216, 0.2078
CMYK	0.13, 0.00, 0.10, 0.12
HSL	134°, 32%, 82%
HSV	134°, 13%, 88%
XYZ	59.8331, 69.1777, 66.0758
YIQ	212.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

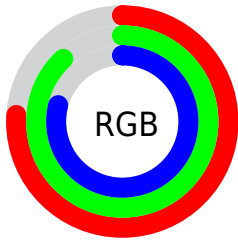
Format	Color
RYB	195, 218, 224
Decimal	12837066
CIELab	86.59, -13.69, 7.56
CIELCh	87, 15.634, 151.097
Yxy	69.1777, 0.3067, 0.3546
Android (android.graphics.Color)	4291027146 (0xFFC3E0CA)
YUV	212.8210, -5.3348, -15.6290
Hunter-Lab	83.1731, -17.1437, 11.1190

Details

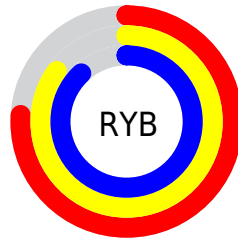
The Yxy color **69.1777, 0.3067, 0.3546** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.9149, 0.3193, 0.3047**, and the grayscale version is **66.4631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **36.1768, 0.3049, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **65.6536, 0.3021, 0.3773**, and if you desaturate by 10%, it is **73.2442, 0.3114, 0.3344**.

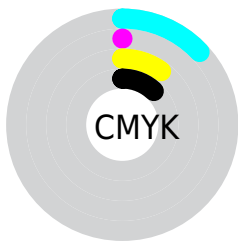
Distribution



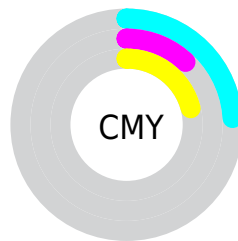
- Red (76%)
- Green (88%)
- Blue (79%)



- Red (76%)
- Yellow (85%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1777, 0.3067, 0.3546 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 69.1777, 0.3067, 0.3546 by changing the saturation by 10% instead.

■ 69.1777, 0.3067,
0.3546

■ 69.1777, 0.3067,
0.3546

457.6575, 0.3096,
0.3424

■ 50.8564, 0.3060,
0.3575

■ 118.0353, 0.3077,
0.3503

■ 36.0944, 0.3051,
0.3611

149.3405, 0.3081,
0.3487

■ 24.5071, 0.3039,
0.3657

185.7425, 0.3085,
0.3472

■ 15.7102, 0.3024,
0.3719

227.6256, 0.3088,
0.3460

■ 9.3193, 0.3001,
0.3806

275.3742, 0.3090,
0.3449

■ 4.9500, 0.2967,
0.3938


329.3728, 0.3092,

■ 2.2180, 0.2906,


0.3440

0.4158

390.0058, 0.3094,
0.3432


 0.7298, 0.2652,
0.5383


 0.0000, 0.0000,
0.0000

 69.1777, 0.3067,
0.3546


 69.1777, 0.3067,
0.3546

 65.6536, 0.3021,
0.3773


 73.2442, 0.3114,
0.3344

 62.6405, 0.2977,
0.4024

 77.8657, 0.3160,
0.3167

 60.1168, 0.2939,
0.4297

 81.6629, 0.3154,
0.3007

 58.0562, 0.2908,
0.4583

 81.7863, 0.3141,
0.2989

■ 56.4297, 0.2887,
0.4874

■ 55.2051, 0.2880,
0.5154

■ 54.3453, 0.2888,
0.5409

■ 53.8063, 0.2910,
0.5623

■ 53.5703, 0.2929,
0.5745

Harmonies

Analogous

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



69.1777, 0.3259, 0.3624



69.1777, 0.3067, 0.3546



69.1777, 0.2895, 0.3393

Triad

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



69.1777, 0.3067, 0.3546



69.1777, 0.2838, 0.2980



69.1777, 0.3481, 0.3349

Complementary

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



69.1777, 0.3067, 0.3546



59.9149, 0.3193, 0.3047

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.



69.1777, 0.3361, 0.3187



69.1777, 0.3067, 0.3546



69.1777, 0.2988, 0.2977

Square

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



69.1777, 0.3067, 0.3546



69.1777, 0.2765, 0.3064



69.1777, 0.3179, 0.3053



69.1777, 0.3503, 0.3502

Rectangle

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



69.1777, 0.3067, 0.3546



69.1777, 0.2813, 0.3273



69.1777, 0.3179, 0.3053



69.1777, 0.3451, 0.3294

Sweetspot

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



69.1806, 0.3067, 0.3546



97.6272, 0.3108, 0.3365



72.0377, 0.3270, 0.3613



20.8036, 0.3105, 0.3380



0.0000, 0.0000, 0.0000



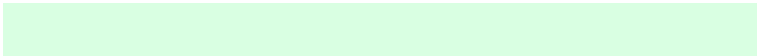
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1806, 0.3067, 0.3546



91.7204, 0.3057, 0.3594



69.8885, 0.2978, 0.3378



15.3909, 0.3083, 0.3473



31.1998, 0.2923, 0.5722



2.1765, 0.2840, 0.5425

Inverse Universe

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



59.9149, 0.3193, 0.3047



77.3998, 0.3206, 0.3004



59.2037, 0.3302, 0.3204



13.8765, 0.3174, 0.3114



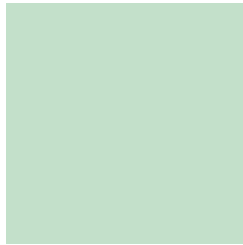
10.9381, 0.3924, 0.1935



0.7718, 0.3791, 0.1862

Previews

White Background



This preview shows how the Yxy color 69.1777, 0.3067, 0.3546 looks on a white background.

Color Contrast Check

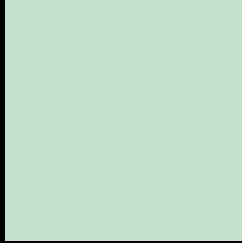
Large Text (above 18pt) WCAG AA × Fail

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 69.1777, 0.3067, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

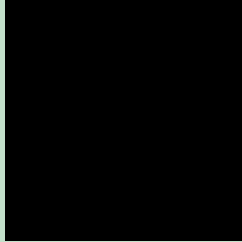
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

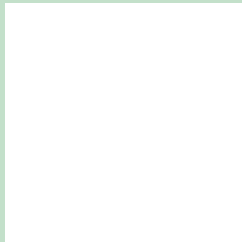
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1777, 0.3067, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 69.1777, 0.3067, 0.3546.

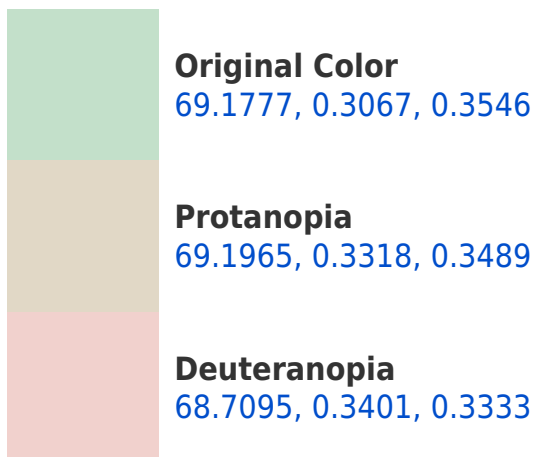


This preview shows how white text looks on a background with the Yxy color 69.1777, 0.3067, 0.3546.

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

69.1367, 0.2895, 0.3100

Trichromacy



Original Color

69.1777, 0.3067, 0.3546

Protanomaly

69.0827, 0.3225, 0.3516

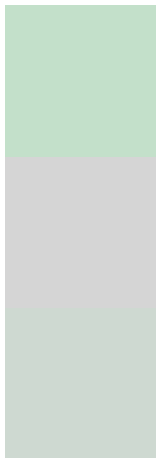
Deuteranomaly

68.3001, 0.3271, 0.3401

Tritanomaly

69.2368, 0.2956, 0.3256

Monochromacy



Original Color

69.1777, 0.3067, 0.3546

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.3510, 0.3101, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1777, 0.3067, 0.3546 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(195, 224, 202)` looks like.

```
.text, #text, p{  
    color:rgb(195, 224, 202)  
}
```

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(195, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 224, 202) }
```

Border

The CSS property to change the border of an element to Yxy 69.1777, 0.3067, 0.3546 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(195, 224, 202) }
```

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

```
.border{ border-color:rgb(195, 224, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 224, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 224, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 224, 202);  
box-shadow:4px 4px 4px 4px rgb(195, 224,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1777, 0.3067, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 224, 202) }
```

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

```
.background{ background-color: rgb(195,  
224, 202) }
```

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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