

Converting Colors

Yxy(67.5666, 0.3070, 0.3539)

Have a look what the booklet for
Yxy(67.5666, 0.3070, 0.3539)
contains.

Yxy(67.3524, 0.3073, 0.3537)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.3524, 0.3073, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	C2DDC8
RGB	194, 221, 200
RGB Percent	76%, 87%, 78%
CMY	0.2395, 0.1332, 0.2157
CMYK	0.12, 0.00, 0.10, 0.13
HSL	133°, 28%, 81%
HSV	133°, 12%, 87%
XYZ	58.5168, 67.3524, 64.5532
YIQ	210.5330, -9.3510, -12.2550

Conversions

Conversions Part 2

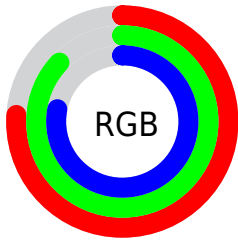
Format	Color
RYB	194, 216, 221
Decimal	12770760
CIELab	85.68, -12.93, 7.30
CIELCh	86, 14.846, 150.557
Yxy	67.3524, 0.3073, 0.3537
Android (android.graphics.Color)	4290960840 (0xFFC2DDC8)
YUV	210.5330, -5.1928, -14.4994
Hunter-Lab	82.0685, -16.3451, 10.8118

Details

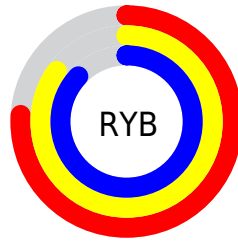
The Yxy color **67.3524, 0.3073, 0.3537** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.8361, 0.3186, 0.3055**, and the grayscale version is **64.8514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **34.9232, 0.3058, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **63.8883, 0.3029, 0.3767**, and if you desaturate by 10%, it is **71.3472, 0.3117, 0.3333**.

Distribution



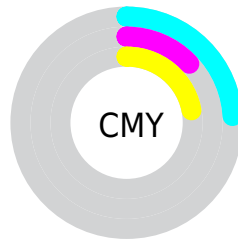
- Red (76%)
- Green (87%)
- Blue (78%)



- Red (76%)
- Yellow (85%)
- Blue (87%)



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





- Cyan (24%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3524, 0.3073, 0.3537 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 67.3524, 0.3073, 0.3537 by changing the saturation by 10% instead.


 67.3524, 0.3073,
0.3537

 67.3524, 0.3073,
0.3537

451.1981, 0.3099,
0.3419

 49.3711, 0.3067,
0.3565

 115.4252, 0.3082,
0.3495

 34.9139, 0.3058,
0.3600


146.2855, 0.3086,
0.3479

 23.5966, 0.3048,
0.3645


182.2075, 0.3089,
0.3466

 15.0346, 0.3033,
0.3706

223.5757, 0.3092,
0.3454

 8.8437, 0.3012,
0.3792

270.7745, 0.3094,
0.3443

 4.6394, 0.2980,
0.3923

324.1882, 0.3096,

 2.0373, 0.2922,

0.3434

0.4144

384.2013, 0.3098,
0.3426

0.6290, 0.2599,
0.5792

0.0000, 0.0000,
0.0000

67.3524, 0.3073,
0.3537

67.3524, 0.3073,
0.3537

63.8883, 0.3029,
0.3767

71.3472, 0.3117,
0.3333

60.9242, 0.2987,
0.4022

75.8849, 0.3161,
0.3153

58.4392, 0.2950,
0.4299

79.9797, 0.3166,
0.2993

56.4078, 0.2919,
0.4591

80.2045, 0.3143,
0.2960

■ 54.8019, 0.2899,
0.4886

■ 53.5903, 0.2891,
0.5171

■ 52.7372, 0.2898,
0.5429

■ 52.2002, 0.2917,
0.5644

■ 51.9496, 0.2937,
0.5775

Harmonies

Analogous

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



67.3524, 0.3257, 0.3610



67.3524, 0.3073, 0.3537



67.3524, 0.2907, 0.3391

Triad

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



67.3524, 0.3073, 0.3537



67.3524, 0.2848, 0.2993



67.3524, 0.3465, 0.3344

Complementary

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



67.3524, 0.3073, 0.3537



58.8361, 0.3186, 0.3055

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.



67.3524, 0.3349, 0.3188



67.3524, 0.3073, 0.3537



67.3524, 0.2991, 0.2989

Square

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



67.3524, 0.3073, 0.3537



67.3524, 0.2779, 0.3075



67.3524, 0.3174, 0.3060



67.3524, 0.3487, 0.3492

Rectangle

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



67.3524, 0.3073, 0.3537



67.3524, 0.2827, 0.3277



67.3524, 0.3174, 0.3060



67.3524, 0.3435, 0.3291

Sweetspot

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



67.3553, 0.3073, 0.3537



97.6168, 0.3109, 0.3367



70.0870, 0.3266, 0.3596



20.8010, 0.3106, 0.3382



0.0000, 0.0000, 0.0000



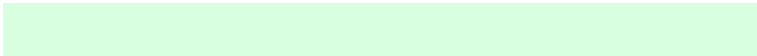
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3553, 0.3073, 0.3537



91.6860, 0.3060, 0.3600



68.0073, 0.2988, 0.3378



14.6537, 0.3086, 0.3477



30.1856, 0.2931, 0.5752



1.9687, 0.2845, 0.5441

Inverse Universe

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



58.8361, 0.3186, 0.3055



77.4385, 0.3202, 0.2998



58.1773, 0.3288, 0.3203



13.2224, 0.3172, 0.3110



10.6692, 0.3866, 0.1904



0.7037, 0.3738, 0.1833

Previews

White Background



This preview shows how the Yxy color 67.3524, 0.3073, 0.3537 looks on a white background.

Color Contrast Check

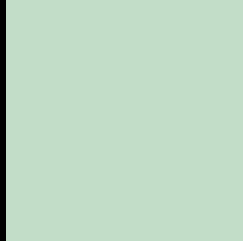
Large Text (above 18pt) WCAG AA × Fail

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 67.3524, 0.3073, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

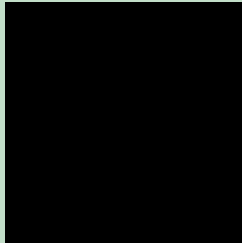
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

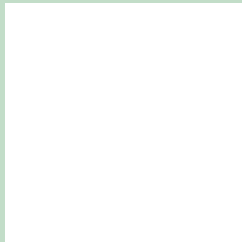
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3524, 0.3073, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 67.3524, 0.3073, 0.3537.

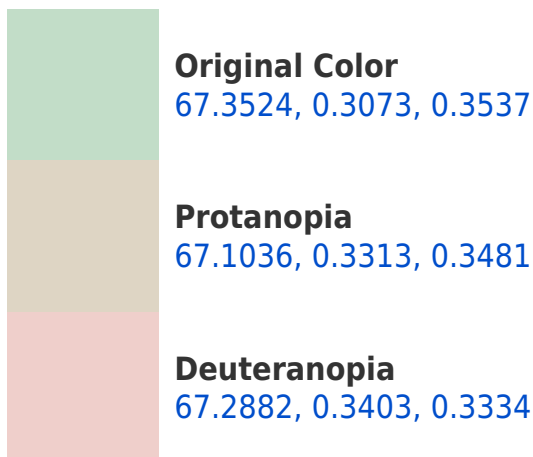


This preview shows how white text looks on a background with the Yxy color 67.3524, 0.3073, 0.3537.

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

67.2743, 0.2906, 0.3099

Trichromacy



Original Color

67.3524, 0.3073, 0.3537

Protanomaly

67.1400, 0.3227, 0.3507

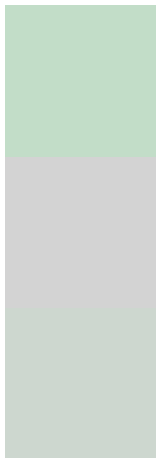
Deuteranomaly

67.0392, 0.3280, 0.3402

Tritanomaly

67.3690, 0.2967, 0.3255

Monochromacy



Original Color

67.3524, 0.3073, 0.3537

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.0850, 0.3108, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3524, 0.3073, 0.3537 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(194, 221, 200)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 200)  
}
```

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(194, 221, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 200) }
```

Border

The CSS property to change the border of an element to Yxy 67.3524, 0.3073, 0.3537 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(194, 221, 200) }
```

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

```
.border{ border-color:rgb(194, 221, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 221, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 221, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 221, 200);  
box-shadow:4px 4px 4px 4px rgb(194, 221,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3524, 0.3073, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 200) }
```

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

```
.background{ background-color: rgb(194,  
221, 200) }
```

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