

Converting Colors

$Yxy(66.7195, 0.3105, 0.3758)$

Have a look what the booklet for
Yxy(66.7195, 0.3105, 0.3758)
contains.

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Color

Yxy(66.5924, 0.3106, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	B9DFB9
RGB	185, 223, 185
RGB Percent	73%, 87%, 73%
CMY	0.2744, 0.1255, 0.2746
CMYK	0.17, 0.00, 0.17, 0.13
HSL	120°, 37%, 80%
HSV	120°, 17%, 87%
XYZ	55.1563, 66.5924, 55.8311
YIQ	207.3060, -10.4500, -19.8740

Conversions

Conversions Part 2

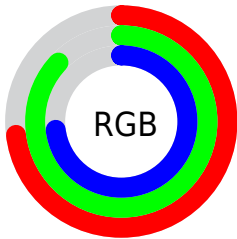
Format	Color
RYB	185, 223, 223
Decimal	12181433
CIELab	85.30, -19.58, 14.57
CIELCh	85, 24.405, 143.339
Yxy	66.5924, 0.3106, 0.3750
Android (android.graphics.Color)	4290371513 (0xFFB9DFB9)
YUV	207.3060, -10.9969, -19.5624
Hunter-Lab	81.6042, -22.1591, 16.5585

Details

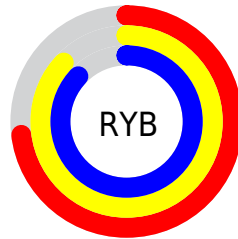
The Yxy color **66.5924, 0.3106, 0.3750** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.6936, 0.3146, 0.2869**, and the grayscale version is **62.6860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5716, 0.3121, 0.3428**, and **34.4965, 0.3091, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **63.1699, 0.3091, 0.4066**, and if you desaturate by 10%, it is **70.6019, 0.3119, 0.3468**.

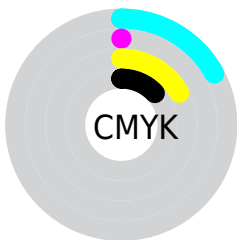
Distribution



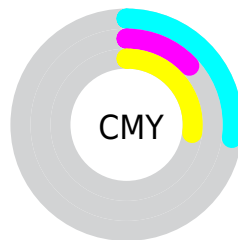
- Red (73%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5924, 0.3106, 0.3750 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 66.5924, 0.3106, 0.3750 by changing the saturation by 10% instead.

 66.5924, 0.3106,
0.3750

 66.5924, 0.3106,
0.3750


448.4925, 0.3119,
0.3527

 48.7535, 0.3102,
0.3804

 114.3362, 0.3111,
0.3671

 34.4239, 0.3097,
0.3871


145.0098, 0.3113,
0.3640

 23.2195, 0.3089,
0.3959


180.7304, 0.3115,
0.3615

 14.7557, 0.3077,
0.4078

221.8824, 0.3116,
0.3592

 8.6481, 0.3057,
0.4248

268.8503, 0.3117,
0.3573

 4.5124, 0.3021,
0.4509

322.0183, 0.3118,

 1.9641, 0.2948,

0.3556


0.4965


381.7709, 0.3119,
0.3541


 0.5865, 0.1194,
0.8806


 0.0000, 0.0000,
0.0000


 66.5924, 0.3106,
0.3750


 66.5924, 0.3106,
0.3750


 63.1699, 0.3091,
0.4066


 70.6019, 0.3119,
0.3468

 60.2989, 0.3075,
0.4410

 75.2151, 0.3130,
0.3221

 57.9531, 0.3059,
0.4769

 80.4587, 0.3140,
0.3007

 56.1007, 0.3042,
0.5124

 81.2547, 0.3142,
0.2980

■ 54.7066, 0.3027,
0.5446

■ 53.7308, 0.3014,
0.5708

■ 53.1267, 0.3006,
0.5888

■ 52.8338, 0.3001,
0.5981

■ 52.7770, 0.3000,
0.6000

Harmonies

Analogous

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



66.5924, 0.3405, 0.3832



66.5924, 0.3106, 0.3750



66.5924, 0.2822, 0.3524

Triad

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



66.5924, 0.3106, 0.3750



66.5924, 0.2633, 0.2825



66.5924, 0.3654, 0.3309

Complementary

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



66.5924, 0.3106, 0.3750



55.6936, 0.3146, 0.2869

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.



66.5924, 0.3428, 0.3067



66.5924, 0.3106, 0.3750



66.5924, 0.2836, 0.2794

Square

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



66.5924, 0.3106, 0.3750



66.5924, 0.2558, 0.2980



66.5924, 0.3125, 0.2883



66.5924, 0.3731, 0.3557

Rectangle

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



66.5924, 0.3106, 0.3750



66.5924, 0.2678, 0.3332



66.5924, 0.3125, 0.2883



66.5924, 0.3593, 0.3225

Sweetspot

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



66.5952, 0.3106, 0.3750



96.8709, 0.3121, 0.3415



71.6262, 0.3384, 0.3706



20.6439, 0.3121, 0.3434



0.0000, 0.0000, 0.0000



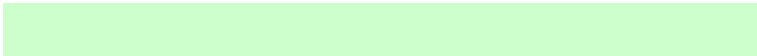
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5952, 0.3106, 0.3750



88.7285, 0.3102, 0.3845



67.4146, 0.2990, 0.3523



15.3383, 0.3116, 0.3532



31.0329, 0.3000, 0.6000



2.1514, 0.3001, 0.5999

Inverse Universe

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



55.6936, 0.3146, 0.2869



71.6503, 0.3150, 0.2791



54.7650, 0.3291, 0.3068



13.9345, 0.3138, 0.3059



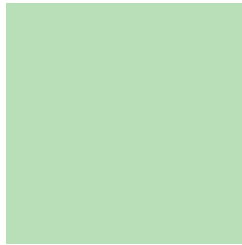
12.3243, 0.3205, 0.1539



0.8546, 0.3206, 0.1540

Previews

White Background



This preview shows how the Yxy color 66.5924, 0.3106, 0.3750 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 66.5924, 0.3106, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

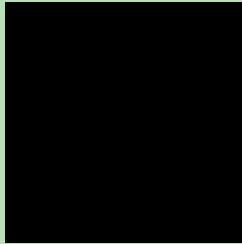
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

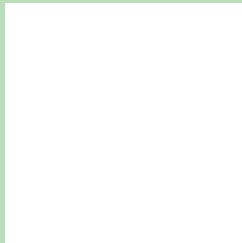
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5924, 0.3106, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 66.5924, 0.3106, 0.3750.

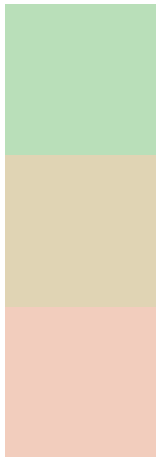


This preview shows how white text looks on a background with the Yxy color 66.5924, 0.3106, 0.3750.

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

66.5924, 0.3106, 0.3750

Protanopia

66.2295, 0.3446, 0.3651

Deuteranopia

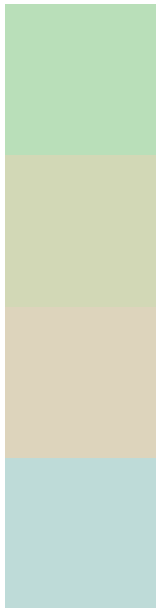
66.2140, 0.3537, 0.3463



Tritanopia

66.3324, 0.2859, 0.3096

Trichromacy



Original Color

66.5924, 0.3106, 0.3750

Protanomaly

66.1908, 0.3316, 0.3684

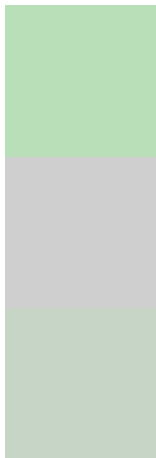
Deuteranomaly

66.0900, 0.3365, 0.3561

Tritanomaly

66.5681, 0.2945, 0.3324

Monochromacy



Original Color

66.5924, 0.3106, 0.3750

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.8541, 0.3119, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5924, 0.3106, 0.3750 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(185, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 185)  
}
```

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(185, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 185) }
```

Border

The CSS property to change the border of an element to Yxy 66.5924, 0.3106, 0.3750 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(185, 223, 185) }
```

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

```
.border{ border-color:rgb(185, 223, 185) }
```

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

Here you see how a box with a 4 pixel rgb(185, 223, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5924, 0.3106, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 185) }
```

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

```
.background{ background-color: rgb(185,  
223, 185) }
```

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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