

Converting Colors

$Yxy(69.4975, 0.3139, 0.3886)$

Have a look what the booklet for
Yxy(69.4975, 0.3139, 0.3886)
contains.

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Color

Yxy(69.6076, 0.3139, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	B9E5B3
RGB	185, 229, 179
RGB Percent	73%, 90%, 70%
CMY	0.2747, 0.1019, 0.2980
CMYK	0.19, 0.00, 0.22, 0.10
HSL	113°, 49%, 80%
HSV	113°, 22%, 90%
XYZ	56.1548, 69.6076, 53.1315
YIQ	210.1440, -10.1740, -24.8780

Conversions

Conversions Part 2

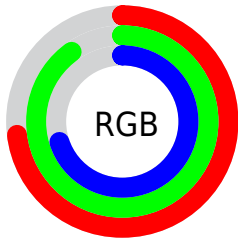
Format	Color
RYB	179, 229, 223
Decimal	12182963
CIELab	86.80, -23.57, 19.79
CIElCh	87, 30.777, 139.978
Yxy	69.6076, 0.3139, 0.3891
Android (android.graphics.Color)	4290373043 (0xFFB9E5B3)
YUV	210.1440, -15.3540, -22.0513
Hunter-Lab	83.4312, -25.8621, 20.6442

Details

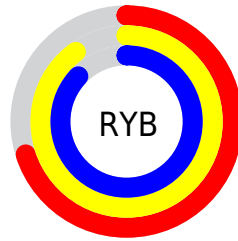
The Yxy color **69.6076, 0.3139, 0.3891** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.6068, 0.3104, 0.2740**, and the grayscale version is **64.6519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3954, 0.3161, 0.3488**, and **36.2188, 0.3135, 0.4045** is the 20% darker color. If you saturate the color by 10%, you get **66.4255, 0.3140, 0.4214**, and if you desaturate by 10%, it is **73.3060, 0.3135, 0.3597**.

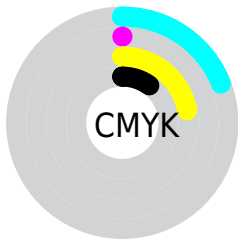
Distribution



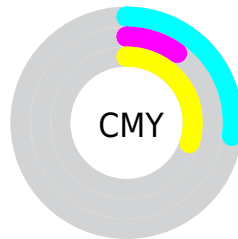
- Red (73%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)




- Cyan (27%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6076, 0.3139, 0.3891 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 69.6076, 0.3139, 0.3891 by changing the saturation by 10% instead.


 69.6076, 0.3139,
0.3891

 69.6076, 0.3139,
0.3891


459.1710, 0.3139,
0.3600

 51.2067, 0.3137,
0.3961

 118.6490, 0.3140,
0.3788

 36.3731, 0.3135,
0.4048


150.0583, 0.3140,
0.3748

 24.7225, 0.3130,
0.4162


186.5725, 0.3140,
0.3714

 15.8704, 0.3121,
0.4315

228.5760, 0.3140,
0.3685

 9.4325, 0.3103,
0.4532

276.4532, 0.3140,
0.3660

 5.0244, 0.3066,
0.4860


330.5885, 0.3140,

 2.2616, 0.2999,


0.3638


0.5453


391.3663, 0.3139,
0.3618


 0.7532, 0.1573,
0.8427


 0.0000, 0.0000,
0.0000


 69.6076, 0.3139,
0.3891


 69.6076, 0.3139,
0.3891


 66.4255, 0.3140,
0.4214

 73.3060, 0.3135,
0.3597


 63.7281, 0.3137,
0.4557

 77.5328, 0.3128,
0.3335

 61.4943, 0.3129,
0.4905

 82.3109, 0.3121,
0.3104

 59.6977, 0.3115,
0.5239

 84.5277, 0.3139,
0.3039

■ 58.3092, 0.3095,
0.5533

■ 57.2964, 0.3071,
0.5762

■ 56.6214, 0.3045,
0.5912

■ 56.2829, 0.3026,
0.5980

Harmonies

Analogous

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



69.6076, 0.3506, 0.3964



69.6076, 0.3139, 0.3891



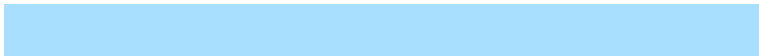
69.6076, 0.2783, 0.3621

Triad

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



69.6076, 0.3139, 0.3891



69.6076, 0.2501, 0.2729



69.6076, 0.3761, 0.3273

Complementary

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



69.6076, 0.3139, 0.3891



53.6068, 0.3104, 0.2740

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.



69.6076, 0.3460, 0.2985



69.6076, 0.3139, 0.3891



69.6076, 0.2731, 0.2679

Square

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



69.6076, 0.3139, 0.3891



69.6076, 0.2429, 0.2931



69.6076, 0.3079, 0.2773



69.6076, 0.3879, 0.3580

Rectangle

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



69.6076, 0.3139, 0.3891



69.6076, 0.2597, 0.3380



69.6076, 0.3079, 0.2773



69.6076, 0.3677, 0.3172

Sweetspot

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



69.6106, 0.3139, 0.3891



96.0404, 0.3132, 0.3467



72.3446, 0.3470, 0.3766



20.4870, 0.3132, 0.3483



0.0000, 0.0000, 0.0000



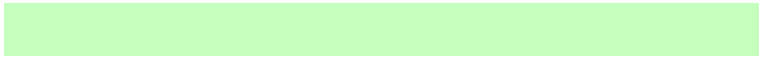
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6106, 0.3139, 0.3891



86.9923, 0.3140, 0.4027



69.6807, 0.2988, 0.3669



16.1706, 0.3133, 0.3532



32.2014, 0.3031, 0.5976



2.4067, 0.3099, 0.5921

Inverse Universe

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



53.6068, 0.3104, 0.2740



63.2856, 0.3098, 0.2628



53.5948, 0.3299, 0.2939



14.5239, 0.3119, 0.3057



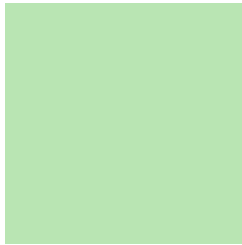
10.4362, 0.2913, 0.1378



0.7958, 0.2958, 0.1403

Previews

White Background



This preview shows how the Yxy color 69.6076, 0.3139, 0.3891 looks on a white background.

Color Contrast Check

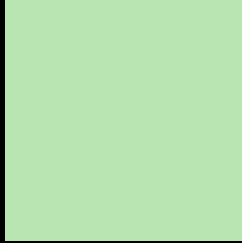
Large Text (above 18pt) WCAG AA × Fail

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 69.6076, 0.3139, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

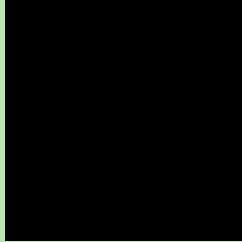
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6076, 0.3139, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 69.6076, 0.3139, 0.3891.

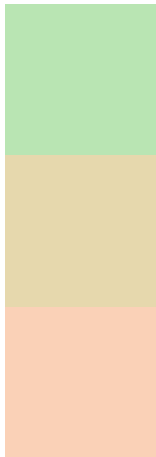


This preview shows how white text looks on a background with the Yxy color 69.6076, 0.3139, 0.3891.

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
69.6076, 0.3139, 0.3891
Protanopia
68.9519, 0.3535, 0.3765
Deuteranopia
69.3438, 0.3637, 0.3564



Tritanopia

69.5470, 0.2839, 0.3088

Trichromacy



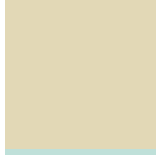
Original Color

69.6076, 0.3139, 0.3891



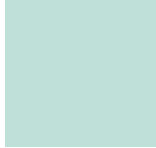
Protanomaly

69.1042, 0.3386, 0.3816



Deuteranomaly

68.6579, 0.3439, 0.3669



Tritanomaly

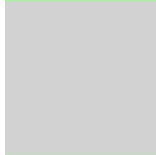
69.3974, 0.2946, 0.3370

Monochromacy



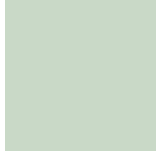
Original Color

69.6076, 0.3139, 0.3891



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.1667, 0.3132, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6076, 0.3139, 0.3891 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, 229, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 229, 179)  
}
```

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, 229, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 229, 179) }
```

Border

The CSS property to change the border of an element to Yxy 69.6076, 0.3139, 0.3891 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, 229, 179) }
```

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

```
.border{ border-color:rgb(185, 229, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 229, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 229, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 229, 179);  
box-shadow:4px 4px 4px 4px rgb(185, 229,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6076, 0.3139, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 229, 179) }
```

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

```
.background{ background-color: rgb(185,  
229, 179) }
```

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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