

Converting Colors

$Yxy(72.3282, 0.3058, 0.4216)$

Have a look what the booklet for
Yxy(72.3282, 0.3058, 0.4216)
contains.

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Color

Yxy(72.6139, 0.3059, 0.4219)

Conversions

Conversions Part 1

Format	Color
Hex	A1F0A5
RGB	161, 240, 165
RGB Percent	63%, 94%, 65%
CMY	0.3687, 0.0588, 0.3528
CMYK	0.33, 0.00, 0.31, 0.06
HSL	123°, 72%, 79%
HSV	123°, 33%, 94%
XYZ	52.6490, 72.6139, 46.8488
YIQ	207.8290, -23.0090, -40.0730

Conversions

Conversions Part 2

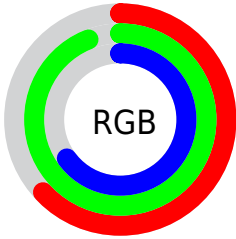
Format	Color
RYB	161, 236, 240
Decimal	10612901
CIELab	88.26, -38.78, 28.78
CIElCh	88, 48.288, 143.422
Yxy	72.6139, 0.3059, 0.4219
Android (android.graphics.Color)	4288802981 (0xFFA1F0A5)
YUV	207.8290, -21.1147, -41.0690
Hunter-Lab	85.2138, -38.8387, 27.0532

Details

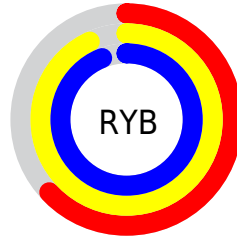
The Yxy color **72.6139, 0.3059, 0.4219** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.0656, 0.3199, 0.2509**, and the grayscale version is **63.1113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5927, 0.3098, 0.3657**, and **38.1234, 0.3021, 0.4454** is the 20% darker color. If you saturate the color by 10%, you get **69.6015, 0.3038, 0.4559**, and if you desaturate by 10%, it is **76.2586, 0.3081, 0.3901**.

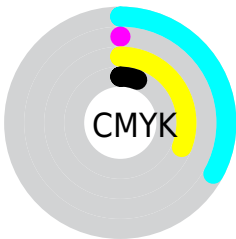
Distribution



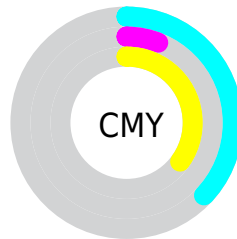
- Red (63%)
- Green (94%)
- Blue (65%)



- Red (63%)
- Yellow (93%)
- Blue (94%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (6%)





- Cyan (37%)
- Magenta (6%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6139, 0.3059, 0.4219 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 72.6139, 0.3059, 0.4219 by changing the saturation by 10% instead.


 72.6139, 0.3059,
0.4219

 72.6139, 0.3059,
0.4219


469.6756, 0.3104,
0.3765

 53.6603, 0.3045,
0.4328


 122.9289, 0.3078,
0.4057

 38.3302, 0.3026,
0.4466


 155.0592, 0.3084,
0.3995

 26.2390, 0.2997,
0.4646


192.3504, 0.3089,
0.3942

 17.0025, 0.2954,
0.4887

235.1871, 0.3093,
0.3897

 10.2363, 0.2884,
0.5227

283.9535, 0.3097,
0.3858

 5.5559, 0.2757,
0.5734


339.0341, 0.3099,

 2.5770, 0.2620,


0.3823


0.6874


400.8134, 0.3102,
0.3792


 0.9151, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 72.6139, 0.3059,
0.4219


 72.6139, 0.3059,
0.4219


 69.6015, 0.3038,
0.4559


 76.2586, 0.3081,
0.3901

 67.1769, 0.3019,
0.4907

 80.5590, 0.3102,
0.3613

 65.3044, 0.3004,
0.5241

 85.5485, 0.3122,
0.3358

 63.9405, 0.2993,
0.5536

 90.8038, 0.3134,
0.3146

■ 63.0353, 0.2989,
0.5767

■ 62.5285, 0.2991,
0.5918

■ 62.3510, 0.2993,
0.5977

Harmonies

Analogous

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



72.6139, 0.3626, 0.4348



72.6139, 0.3059, 0.4219



72.6139, 0.2538, 0.3747

Triad

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



72.6139, 0.3059, 0.4219



72.6139, 0.2218, 0.2422



72.6139, 0.4151, 0.3294

Complementary

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



72.6139, 0.3059, 0.4219



50.0656, 0.3199, 0.2509

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.



72.6139, 0.3702, 0.2873



72.6139, 0.3059, 0.4219



72.6139, 0.2574, 0.2389

Square

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



72.6139, 0.3059, 0.4219



72.6139, 0.2086, 0.2677



72.6139, 0.3109, 0.2552



72.6139, 0.4288, 0.3745

Rectangle

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



72.6139, 0.3059, 0.4219



72.6139, 0.2284, 0.3347



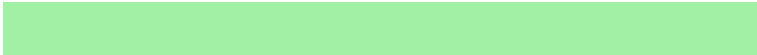
72.6139, 0.3109, 0.2552



72.6139, 0.4030, 0.3146

Sweetspot

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



72.6170, 0.3059, 0.4219



94.0188, 0.3108, 0.3536



82.7389, 0.3595, 0.4120



19.9579, 0.3105, 0.3573



0.0000, 0.0000, 0.0000



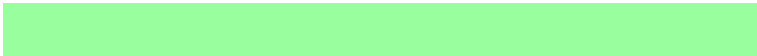
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6170, 0.3059, 0.4219



80.7682, 0.3044, 0.4463



74.2806, 0.2843, 0.3717



17.6695, 0.3109, 0.3521



34.1356, 0.2991, 0.5968



2.8443, 0.2968, 0.5883

Inverse Universe

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



50.0656, 0.3199, 0.2509



50.9313, 0.3216, 0.2345



48.0217, 0.3548, 0.2902



16.0166, 0.3146, 0.3069



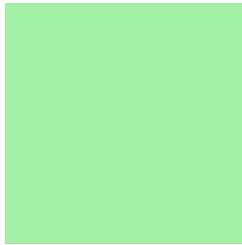
13.2055, 0.3341, 0.1614



1.1028, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 72.6139, 0.3059, 0.4219 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 72.6139, 0.3059, 0.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

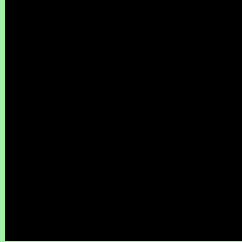
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6139, 0.3059, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 72.6139, 0.3059, 0.4219.



This preview shows how white text looks on a background with the Yxy color 72.6139, 0.3059, 0.4219.

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

72.6139, 0.3059, 0.4219

Protanopia

71.7638, 0.3706, 0.3978

Deuteranopia

71.5213, 0.3714, 0.3653



Tritanopia

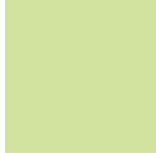
72.7181, 0.2690, 0.3087

Trichromacy



Original Color

72.6139, 0.3059, 0.4219



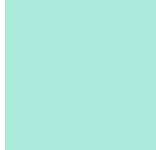
Protanomaly

71.1430, 0.3450, 0.4070



Deuteranomaly

70.6318, 0.3451, 0.3840



Tritanomaly

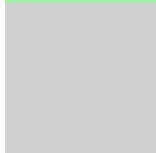
72.5655, 0.2821, 0.3478

Monochromacy



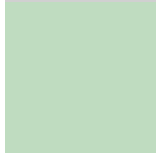
Original Color

72.6139, 0.3059, 0.4219



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

66.0685, 0.3104, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6139, 0.3059, 0.4219 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(161, 240, 165)` looks like.

```
.text, #text, p{  
    color:rgb(161, 240, 165)  
}
```

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(161, 240, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 240, 165) }
```

Border

The CSS property to change the border of an element to Yxy 72.6139, 0.3059, 0.4219 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(161, 240, 165) }
```

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

```
.border{ border-color:rgb(161, 240, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 240, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 240, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 240, 165);  
box-shadow:4px 4px 4px 4px rgb(161, 240,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6139, 0.3059, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 240, 165) }
```

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

```
.background{ background-color: rgb(161,  
240, 165) }
```

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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