

Converting Colors

$Yxy(72.6788, 0.3144, 0.3775)$

Have a look what the booklet for
Yxy(72.6788, 0.3144, 0.3775)
contains.

Yxy(72.4716, 0.3139, 0.3767)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.4716, 0.3139, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	C3E7BE
RGB	195, 231, 190
RGB Percent	76%, 91%, 75%
CMY	0.2350, 0.0942, 0.2549
CMYK	0.16, 0.00, 0.18, 0.09
HSL	113°, 46%, 83%
HSV	113°, 18%, 91%
XYZ	60.3898, 72.4716, 59.5241
YIQ	215.5620, -8.2950, -20.3830

Conversions

Conversions Part 2

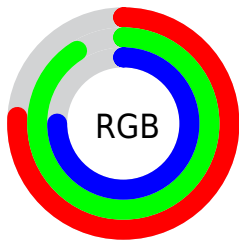
Format	Color
RYB	190, 231, 226
Decimal	12838846
CIELab	88.20, -19.27, 16.11
CIELCh	88, 25.120, 140.102
Yxy	72.4716, 0.3139, 0.3767
Android (android.graphics.Color)	4291028926 (0xFFC3E7BE)
YUV	215.5620, -12.6021, -18.0329
Hunter-Lab	85.1303, -22.3534, 18.1349

Details

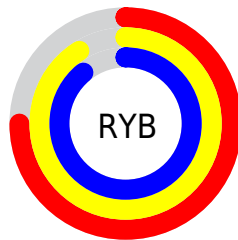
The Yxy color **72.4716, 0.3139, 0.3767** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.7556, 0.3108, 0.2846**, and the grayscale version is **68.4574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8693, 0.3160, 0.3377**, and **38.1288, 0.3134, 0.3876** is the 20% darker color. If you saturate the color by 10%, you get **69.0256, 0.3142, 0.4079**, and if you desaturate by 10%, it is **76.4495, 0.3133, 0.3486**.

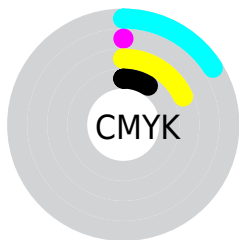
Distribution



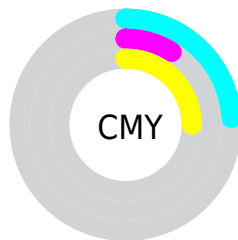
- Red (76%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)





- Cyan (24%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4716, 0.3139, 0.3767 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 72.4716, 0.3139, 0.3767 by changing the saturation by 10% instead.


 72.4716, 0.3139,
0.3767

 72.4716, 0.3139,
0.3767


469.1814, 0.3137,
0.3539

 53.5440, 0.3139,
0.3821


 122.7268, 0.3139,
0.3687

 38.2372, 0.3137,
0.3888


154.8232, 0.3139,
0.3656

 26.1669, 0.3135,
0.3975


192.0779, 0.3139,
0.3629

 16.9485, 0.3131,
0.4091


234.8755, 0.3138,
0.3606

 10.1978, 0.3122,
0.4253

283.6002, 0.3138,
0.3587

 5.5303, 0.3103,
0.4496

338.6365, 0.3138,

 2.5616, 0.3057,

0.3569

0.4897

400.3688, 0.3137,
0.3553

0.9074, 0.3016,
0.6984

0.0000, 0.0000,
0.0000

72.4716, 0.3139,
0.3767

72.4716, 0.3139,
0.3767

69.0256, 0.3142,
0.4079

76.4495, 0.3133,
0.3486

66.0801, 0.3142,
0.4414

80.9709, 0.3125,
0.3236

63.6146, 0.3136,
0.4763

85.6251, 0.3138,
0.3058

61.6032, 0.3125,
0.5105

■ 60.0181, 0.3108,
0.5418

■ 58.8279, 0.3085,
0.5676

■ 57.9971, 0.3058,
0.5859

■ 57.4817, 0.3032,
0.5962

■ 57.3996, 0.3027,
0.5978

Harmonies

Analogous

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



72.4716, 0.3435, 0.3831



72.4716, 0.3139, 0.3767



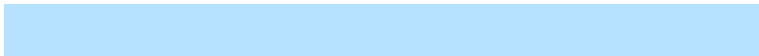
72.4716, 0.2849, 0.3554

Triad

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



72.4716, 0.3139, 0.3767



72.4716, 0.2618, 0.2835



72.4716, 0.3637, 0.3281

Complementary

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



72.4716, 0.3139, 0.3767



58.7556, 0.3108, 0.2846

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.



72.4716, 0.3398, 0.3044



72.4716, 0.3139, 0.3767



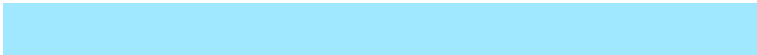
72.4716, 0.2809, 0.2791

Square

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



72.4716, 0.3139, 0.3767



72.4716, 0.2558, 0.3003



72.4716, 0.3092, 0.2868



72.4716, 0.3732, 0.3532

Rectangle

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



72.4716, 0.3139, 0.3767



72.4716, 0.2698, 0.3364



72.4716, 0.3092, 0.2868



72.4716, 0.3570, 0.3198

Sweetspot

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



72.4747, 0.3139, 0.3767



97.1477, 0.3131, 0.3415



74.8391, 0.3403, 0.3675



20.7108, 0.3132, 0.3433



0.0000, 0.0000, 0.0000



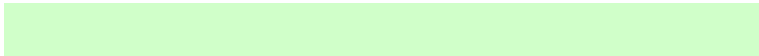
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4747, 0.3139, 0.3767



89.1778, 0.3140, 0.3869



72.5026, 0.3013, 0.3591



16.1740, 0.3134, 0.3532



32.2113, 0.3033, 0.5974



2.4083, 0.3103, 0.5918

Inverse Universe

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



58.7556, 0.3108, 0.2846



69.2300, 0.3103, 0.2758



58.7731, 0.3262, 0.3007



14.5201, 0.3118, 0.3057



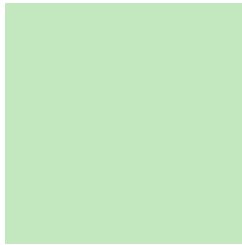
10.3468, 0.2900, 0.1371



0.7901, 0.2948, 0.1398

Previews

White Background



This preview shows how the Yxy color 72.4716, 0.3139, 0.3767 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 72.4716, 0.3139, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

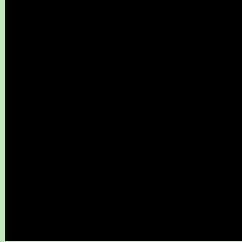
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

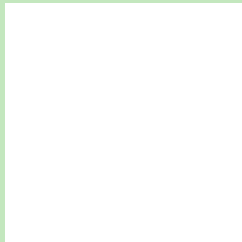
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4716, 0.3139, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 72.4716, 0.3139, 0.3767.

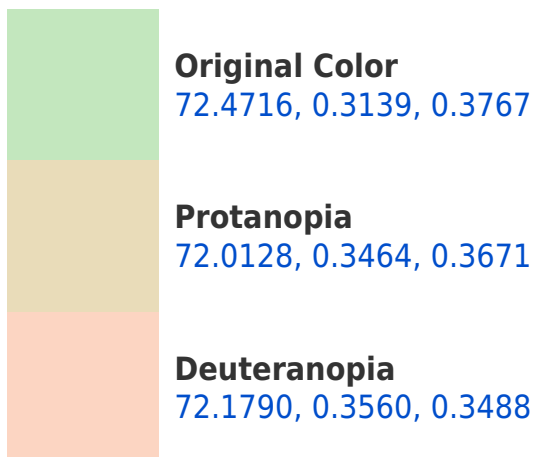


This preview shows how white text looks on a background with the Yxy color 72.4716, 0.3139, 0.3767.

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

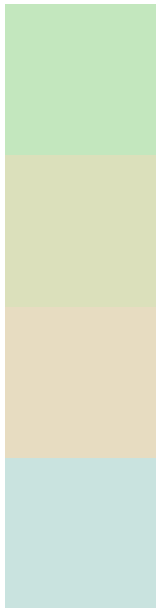




Tritanopia

72.5595, 0.2881, 0.3093

Trichromacy



Original Color

72.4716, 0.3139, 0.3767

Protanomaly

71.9592, 0.3337, 0.3704

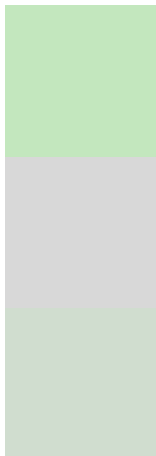
Deuteranomaly

72.0256, 0.3392, 0.3584

Tritanomaly

72.6834, 0.2976, 0.3334

Monochromacy



Original Color

72.4716, 0.3139, 0.3767

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6278, 0.3127, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4716, 0.3139, 0.3767 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, 231, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 231, 190)  
}
```

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, 231, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 231, 190) }
```

Border

The CSS property to change the border of an element to Yxy 72.4716, 0.3139, 0.3767 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, 231, 190) }
```

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

```
.border{ border-color:rgb(195, 231, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 231, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 231, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 231, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 231,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4716, 0.3139, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 231, 190) }
```

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

```
.background{ background-color: rgb(195,  
231, 190) }
```

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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