

Converting Colors

Yxy(72.9423, 0.3127, 0.3820)

Have a look what the booklet for
Yxy(72.9423, 0.3127, 0.3820)
contains.

Yxy(72.9850, 0.3122, 0.3817)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(72.9850, 0.3122, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	BFE9BC
RGB	191, 233, 188
RGB Percent	75%, 91%, 74%
CMY	0.2511, 0.0862, 0.2627
CMYK	0.18, 0.00, 0.19, 0.09
HSL	116°, 51%, 83%
HSV	116°, 19%, 91%
XYZ	59.6959, 72.9850, 58.5295
YIQ	215.3120, -10.5870, -22.8990

Conversions

Conversions Part 2

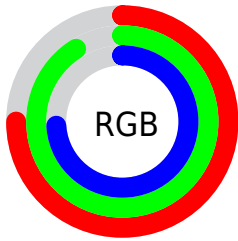
Format	Color
RYB	188, 233, 230
Decimal	12577212
CIELab	88.44, -21.98, 17.45
CIELCh	88, 28.068, 141.554
Yxy	72.9850, 0.3122, 0.3817
Android (android.graphics.Color)	4290767292 (0xFFBFE9BC)
YUV	215.3120, -13.4648, -21.3216
Hunter-Lab	85.4313, -24.7762, 19.1819

Details

The Yxy color **72.9850, 0.3122, 0.3817** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6952, 0.3127, 0.2808**, and the grayscale version is **68.2737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0081, 0.3147, 0.3397**, and **38.5119, 0.3114, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **69.4466, 0.3116, 0.4137**, and if you desaturate by 10%, it is **77.1118, 0.3126, 0.3528**.

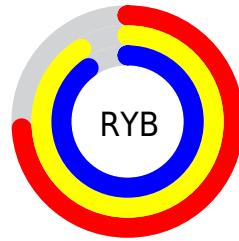
Distribution



Red (75%)

Green (91%)

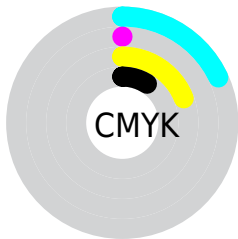
Blue (74%)



Red (74%)

Yellow (91%)

Blue (90%)

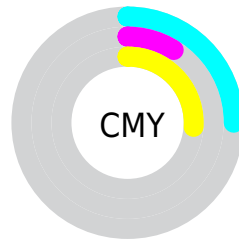


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (9%)



Cyan (25%)


Magenta (9%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9850, 0.3122, 0.3817 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 72.9850, 0.3122, 0.3817 by changing the saturation by 10% instead.

 72.9850, 0.3122,
0.3817

 72.9850, 0.3122,
0.3817


470.9628, 0.3129,
0.3565

 53.9637, 0.3119,
0.3877

 123.4559, 0.3125,
0.3728

 38.5726, 0.3115,
0.3951


155.6743, 0.3126,
0.3694

 26.4274, 0.3109,
0.4048


193.0605, 0.3127,
0.3664

 17.1437, 0.3100,
0.4177

235.9990, 0.3127,
0.3639

 10.3370, 0.3083,
0.4357

284.8740, 0.3128,
0.3617

 5.6230, 0.3051,
0.4628


340.0701, 0.3128,

 2.6172, 0.2982,


0.3598


0.5074


401.9716, 0.3128,
0.3580


 0.9353, 0.2732,
0.7268


 0.0000, 0.0000,
0.0000


 72.9850, 0.3122,
0.3817


 72.9850, 0.3122,
0.3817


 69.4466, 0.3116,
0.4137


 77.1118, 0.3126,
0.3528

 66.4609, 0.3107,
0.4481

 81.8421, 0.3127,
0.3273

 64.0028, 0.3096,
0.4836

 86.7652, 0.3137,
0.3078

 62.0416, 0.3081,
0.5181

■ 60.5433, 0.3063,
0.5490

■ 59.4698, 0.3045,
0.5737

■ 58.7766, 0.3026,
0.5902

■ 58.4053, 0.3011,
0.5987

■ 58.3885, 0.3011,
0.5991

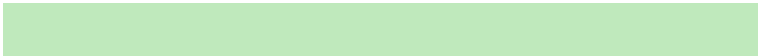
Harmonies

Analogous

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



72.9850, 0.3454, 0.3895



72.9850, 0.3122, 0.3817



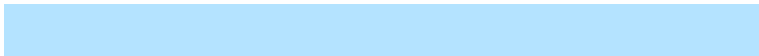
72.9850, 0.2803, 0.3570

Triad

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



72.9850, 0.3122, 0.3817



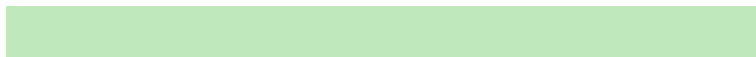
72.9850, 0.2569, 0.2779



72.9850, 0.3705, 0.3292

Complementary

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



72.9850, 0.3122, 0.3817



58.6952, 0.3127, 0.2808

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.



72.9850, 0.3444, 0.3028



72.9850, 0.3122, 0.3817



72.9850, 0.2786, 0.2738

Square

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



72.9850, 0.3122, 0.3817



72.9850, 0.2496, 0.2956



72.9850, 0.3103, 0.2830



72.9850, 0.3802, 0.3569

Rectangle

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



72.9850, 0.3122, 0.3817



72.9850, 0.2639, 0.3355



72.9850, 0.3103, 0.2830



72.9850, 0.3633, 0.3199

Sweetspot

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



72.9881, 0.3122, 0.3817



96.4413, 0.3126, 0.3441



77.5588, 0.3423, 0.3740



20.5631, 0.3126, 0.3458



0.0000, 0.0000, 0.0000



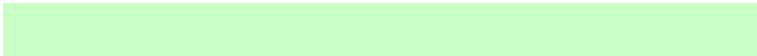
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9881, 0.3122, 0.3817



87.8256, 0.3120, 0.3935



73.5097, 0.2985, 0.3585



16.9091, 0.3125, 0.3533



33.1450, 0.3014, 0.5989



2.6192, 0.3053, 0.5958

Inverse Universe

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



58.6952, 0.3127, 0.2808



67.3988, 0.3126, 0.2711



58.1320, 0.3300, 0.3013



15.2608, 0.3128, 0.3057



11.7984, 0.3046, 0.1452



0.9416, 0.3070, 0.1465

Previews

White Background



This preview shows how the Yxy color 72.9850, 0.3122, 0.3817 looks on a white background.

Color Contrast Check

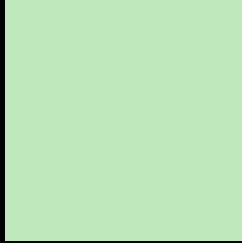
Large Text (above 18pt) WCAG AA × Fail

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 72.9850, 0.3122, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

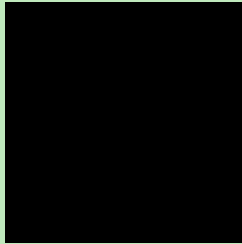
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

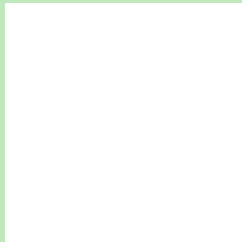
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9850, 0.3122, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 72.9850, 0.3122, 0.3817.

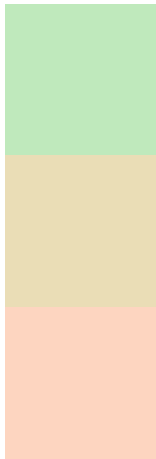


This preview shows how white text looks on a background with the Yxy color 72.9850, 0.3122, 0.3817.

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

72.9850, 0.3122, 0.3817

Protanopia

72.5827, 0.3490, 0.3713

Deuteranopia

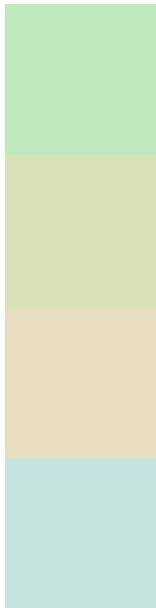
72.2769, 0.3583, 0.3508



Tritanopia

72.6009, 0.2850, 0.3092

Trichromacy



Original Color

72.9850, 0.3122, 0.3817

Protanomaly

72.2165, 0.3349, 0.3750

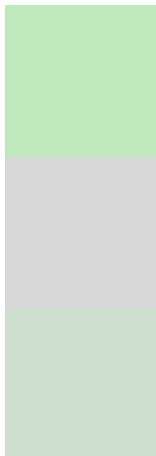
Deuteranomaly

71.7710, 0.3399, 0.3607

Tritanomaly

72.6848, 0.2950, 0.3346

Monochromacy



Original Color

72.9850, 0.3122, 0.3817

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.7721, 0.3125, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9850, 0.3122, 0.3817 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(191, 233, 188)` looks like.

```
.text, #text, p{  
    color:rgb(191, 233, 188)  
}
```

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(191, 233, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 233, 188) }
```

Border

The CSS property to change the border of an element to Yxy 72.9850, 0.3122, 0.3817 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(191, 233, 188) }
```

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

```
.border{ border-color:rgb(191, 233, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 233, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 233, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 233, 188);  
box-shadow:4px 4px 4px 4px rgb(191, 233,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9850, 0.3122, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 233, 188) }
```

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

```
.background{ background-color: rgb(191,  
233, 188) }
```

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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