

Converting Colors

$Yxy(72.4420, 0.3123, 0.3760)$

Have a look what the booklet for
Yxy(72.4420, 0.3123, 0.3760)
contains.

Yxy(72.3827, 0.3126, 0.3756)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3827, 0.3126, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	C2E7BF
RGB	194, 231, 191
RGB Percent	76%, 91%, 75%
CMY	0.2389, 0.0942, 0.2510
CMYK	0.16, 0.00, 0.17, 0.09
HSL	115°, 45%, 83%
HSV	115°, 17%, 91%
XYZ	60.2418, 72.3827, 60.0877
YIQ	215.3770, -9.2120, -20.2840

Conversions

Conversions Part 2

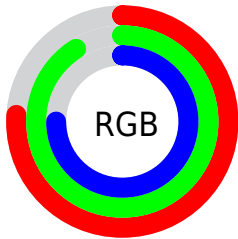
Format	Color
R_{YB}	191, 231, 228
Decimal	12773311
CIE _{Lab}	88.15, -19.44, 15.52
CIE _{LCh}	88, 24.878, 141.388
Yxy	72.3827, 0.3126, 0.3756
Android (android.graphics.Color)	4290963391 (0xFFC2E7BF)
YUV	215.3770, -12.0179, -18.7476
Hunter-Lab	85.0780, -22.4947, 17.6801

Details

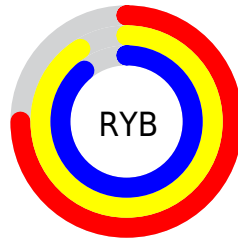
The Yxy color **72.3827, 0.3126, 0.3756** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.5130, 0.3123, 0.2859**, and the grayscale version is **68.3217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7446, 0.3148, 0.3367**, and **38.0415, 0.3126, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **68.8241, 0.3122, 0.4069**, and if you desaturate by 10%, it is **76.5129, 0.3127, 0.3475**.

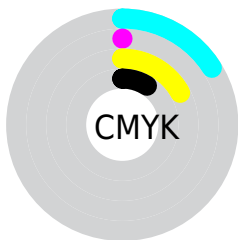
Distribution



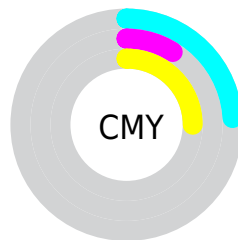
- Red (76%)
- Green (91%)
- Blue (75%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3827, 0.3126, 0.3756 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 72.3827, 0.3126, 0.3756 by changing the saturation by 10% instead.


 72.3827, 0.3126,
0.3756

 72.3827, 0.3126,
0.3756


468.8725, 0.3130,
0.3534

 53.4714, 0.3124,
0.3809

 122.6005, 0.3128,
0.3677

 38.1792, 0.3122,
0.3874

154.6757, 0.3129,
0.3647

 26.1218, 0.3117,
0.3959


191.9077, 0.3129,
0.3621

 16.9148, 0.3111,
0.4073

234.6808, 0.3129,
0.3599

 10.1737, 0.3098,
0.4232

283.3794, 0.3130,
0.3580

 5.5143, 0.3075,
0.4470


338.3880, 0.3130,


 2.5521, 0.3022,


0.3562

0.4863


400.0909, 0.3130,
0.3547


 0.9026, 0.2981,
0.7019


 0.0000, 0.0000,
0.0000


 72.3827, 0.3126,
0.3756

 72.3827, 0.3126,
0.3756


 68.8241, 0.3122,
0.4069


 76.5129, 0.3127,
0.3475

 65.8031, 0.3116,
0.4408

 81.2285, 0.3127,
0.3226

 63.2963, 0.3106,
0.4761

 85.6250, 0.3138,
0.3058

 61.2750, 0.3092,
0.5109

■ 59.7077, 0.3075,
0.5426

■ 58.5590, 0.3055,
0.5688

■ 57.7885, 0.3035,
0.5871

■ 57.3464, 0.3017,
0.5971

■ 57.2710, 0.3014,
0.5989

Harmonies

Analogous

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



72.3827, 0.3421, 0.3826



72.3827, 0.3126, 0.3756



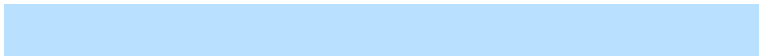
72.3827, 0.2841, 0.3540

Triad

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



72.3827, 0.3126, 0.3756



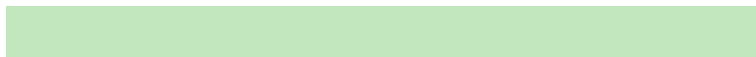
72.3827, 0.2628, 0.2835



72.3827, 0.3639, 0.3292

Complementary

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



72.3827, 0.3126, 0.3756



59.5130, 0.3123, 0.2859

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.



72.3827, 0.3407, 0.3055



72.3827, 0.3126, 0.3756



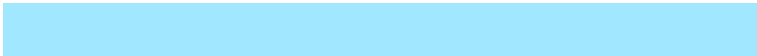
72.3827, 0.2822, 0.2796

Square

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



72.3827, 0.3126, 0.3756



72.3827, 0.2563, 0.2996



72.3827, 0.3105, 0.2877



72.3827, 0.3726, 0.3540

Rectangle

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



72.3827, 0.3126, 0.3756



72.3827, 0.2693, 0.3351



72.3827, 0.3105, 0.2877



72.3827, 0.3575, 0.3209

Sweetspot

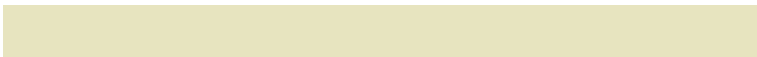
The Sweet Spot groups the original color and five complimentary colors.



72.3858, 0.3126, 0.3756



97.0412, 0.3127, 0.3415



76.0463, 0.3393, 0.3686



20.6850, 0.3127, 0.3433



0.0000, 0.0000, 0.0000



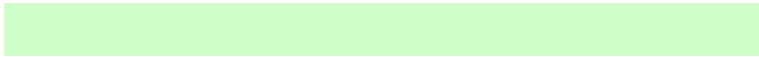
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3858, 0.3126, 0.3756



88.8172, 0.3125, 0.3872



72.7595, 0.3004, 0.3559



16.1417, 0.3127, 0.3532



32.1311, 0.3017, 0.5986



2.3929, 0.3065, 0.5949

Inverse Universe

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



59.5130, 0.3123, 0.2859



69.6922, 0.3122, 0.2761



59.1221, 0.3274, 0.3035



14.5560, 0.3126, 0.3058



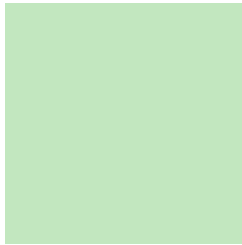
11.2124, 0.3018, 0.1436



0.8454, 0.3047, 0.1452

Previews

White Background



This preview shows how the Yxy color 72.3827, 0.3126, 0.3756 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 72.3827, 0.3126, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

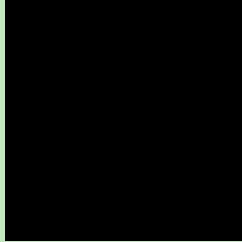
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

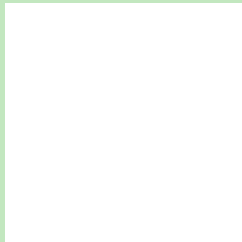
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3827, 0.3126, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 72.3827, 0.3126, 0.3756.

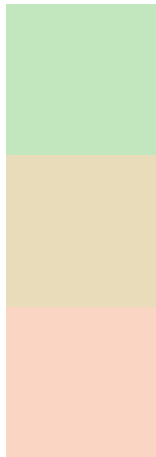


This preview shows how white text looks on a background with the Yxy color 72.3827, 0.3126, 0.3756.

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

72.3827, 0.3126, 0.3756

Protanopia

72.0552, 0.3457, 0.3660

Deuteranopia

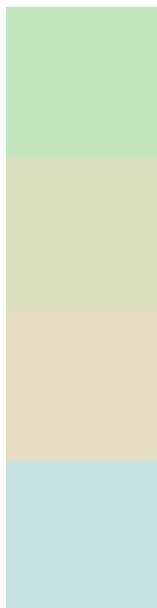
72.0379, 0.3545, 0.3478



Tritanopia

72.2787, 0.2868, 0.3092

Trichromacy



Original Color

72.3827, 0.3126, 0.3756

Protanomaly

72.0022, 0.3331, 0.3692

Deuteranomaly

71.9044, 0.3378, 0.3574

Tritanomaly

72.4080, 0.2963, 0.3335

Monochromacy



Original Color

72.3827, 0.3126, 0.3756

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.4345, 0.3126, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3827, 0.3126, 0.3756 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(194, 231, 191)` looks like.

```
.text, #text, p{  
    color:rgb(194, 231, 191)  
}
```

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(194, 231, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 231, 191) }
```

Border

The CSS property to change the border of an element to Yxy 72.3827, 0.3126, 0.3756 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(194, 231, 191) }
```

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

```
.border{ border-color:rgb(194, 231, 191) }
```

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

Here you see how a box with a 4 pixel rgb(194, 231, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 231, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 231, 191);  
box-shadow:4px 4px 4px 4px rgb(194, 231,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3827, 0.3126, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 231, 191) }
```

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

```
.background{ background-color: rgb(194,  
231, 191) }
```

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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