

Converting Colors

Yxy(76.5922, 0.3142, 0.3796)

Have a look what the booklet for
Yxy(76.5922, 0.3142, 0.3796)
contains.

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Color

Yxy(76.5607, 0.3143, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	C7EDC1
RGB	199, 237, 193
RGB Percent	78%, 93%, 76%
CMY	0.2197, 0.0705, 0.2431
CMYK	0.16, 0.00, 0.19, 0.07
HSL	112°, 55%, 84%
HSV	112°, 19%, 93%
XYZ	63.4574, 76.5607, 61.8825
YIQ	220.6220, -8.5240, -21.7400

Conversions

Conversions Part 2

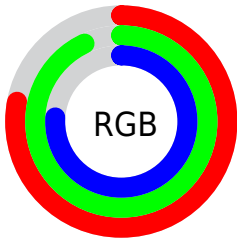
Format	Color
R _{YB}	193, 237, 231
Decimal	13102529
CIE Lab	90.12, -20.41, 17.30
CIE LCh	90, 26.752, 139.713
Yxy	76.5607, 0.3143, 0.3792
Android (android.graphics.Color)	4291292609 (0xFFC7EDC1)
YUV	220.6220, -13.6176, -18.9625
Hunter-Lab	87.4990, -23.6687, 19.3172

Details

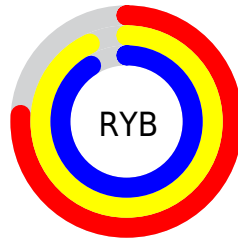
The Yxy color **76.5607, 0.3143, 0.3792** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.2486, 0.3103, 0.2823**, and the grayscale version is **72.1277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **40.9316, 0.3148, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **72.9742, 0.3148, 0.4106**, and if you desaturate by 10%, it is **80.7003, 0.3135, 0.3508**.

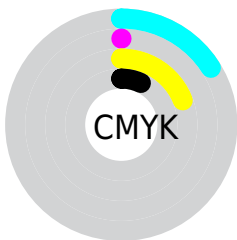
Distribution



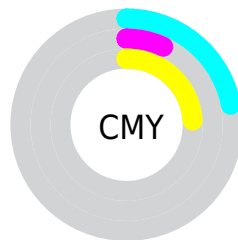
- Red (78%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)




- Cyan (22%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5607, 0.3143, 0.3792 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 76.5607, 0.3143, 0.3792 by changing the saturation by 10% instead.


 76.5607, 0.3143,
0.3792

 76.5607, 0.3143,
0.3792


483.2649, 0.3140,
0.3554

 56.8924, 0.3143,
0.3848


 128.5192, 0.3143,
0.3709

 40.9189, 0.3142,
0.3917


161.5781, 0.3142,
0.3676

 28.2557, 0.3140,
0.4006


199.8694, 0.3142,
0.3649

 18.5185, 0.3136,
0.4123

243.7775, 0.3141,
0.3625

 11.3229, 0.3128,
0.4287

293.6867, 0.3141,
0.3604

 6.2844, 0.3110,
0.4528


349.9814, 0.3140,


 3.0188, 0.3066,

0.3586

0.4917

413.0460, 0.3140,
0.3569


 1.1416, 0.3297,
0.6643


 0.0132, 0.0000,
1.0000

 76.5607, 0.3143,
0.3792

 76.5607, 0.3143,
0.3792


 72.9742, 0.3148,
0.4106


 80.7003, 0.3135,
0.3508

 69.9080, 0.3149,
0.4442

 85.4050, 0.3126,
0.3256

 67.3407, 0.3144,
0.4790

 89.0552, 0.3135,
0.3117

 65.2457, 0.3133,
0.5130

■ 63.5937, 0.3115,
0.5438

■ 62.3521, 0.3091,
0.5690

■ 61.4839, 0.3063,
0.5867

■ 60.9419, 0.3034,
0.5965

■ 60.8853, 0.3031,
0.5975

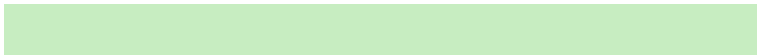
Harmonies

Analogous

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



76.5607, 0.3452, 0.3856



76.5607, 0.3143, 0.3792



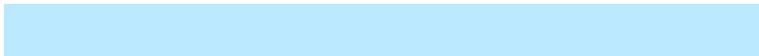
76.5607, 0.2840, 0.3570

Triad

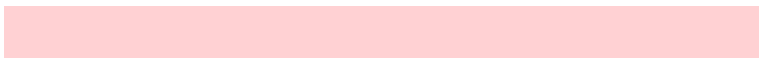
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5607, 0.3143, 0.3792



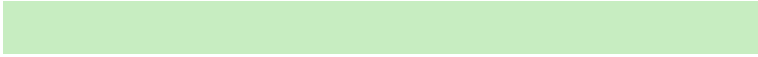
76.5607, 0.2594, 0.2816



76.5607, 0.3658, 0.3277

Complementary

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



76.5607, 0.3143, 0.3792



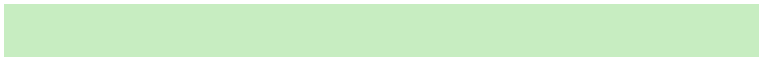
61.2486, 0.3103, 0.2823

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.



76.5607, 0.3406, 0.3030



76.5607, 0.3143, 0.3792



76.5607, 0.2791, 0.2769

Square

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



76.5607, 0.3143, 0.3792



76.5607, 0.2533, 0.2992



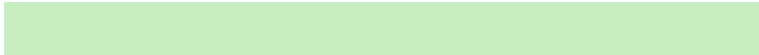
76.5607, 0.3086, 0.2848



76.5607, 0.3759, 0.3538

Rectangle

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



76.5607, 0.3143, 0.3792



76.5607, 0.2681, 0.3371



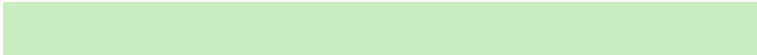
76.5607, 0.3086, 0.2848



76.5607, 0.3587, 0.3190

Sweetspot

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



76.5640, 0.3143, 0.3792



96.6314, 0.3133, 0.3441



78.6786, 0.3419, 0.3686



20.6078, 0.3134, 0.3458



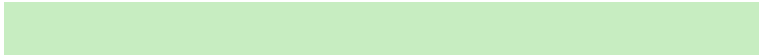
0.0000, 0.0000, 0.0000



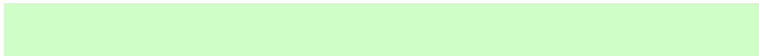
21.4041, 0.3127, 0.3290

Same Dimension

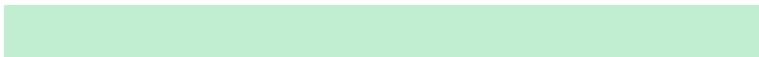
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5640, 0.3143, 0.3792



88.8350, 0.3145, 0.3899



76.4862, 0.3012, 0.3616



16.9602, 0.3136, 0.3532



33.2695, 0.3037, 0.5970



2.6436, 0.3108, 0.5914

Inverse Universe

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



61.2486, 0.3103, 0.2823



67.8644, 0.3097, 0.2731



61.3982, 0.3264, 0.2985



15.2040, 0.3116, 0.3056



10.4525, 0.2869, 0.1354



0.8494, 0.2919, 0.1382

Previews

White Background



This preview shows how the Yxy color 76.5607, 0.3143, 0.3792 looks on a white background.

Color Contrast Check

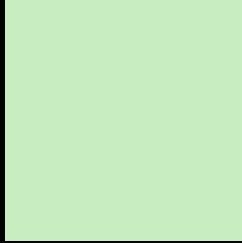
Large Text (above 18pt) WCAG AA × Fail

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 76.5607, 0.3143, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

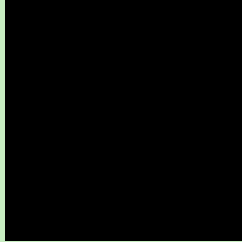
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

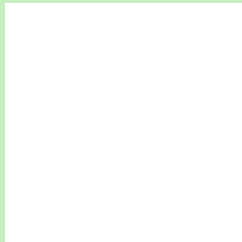
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5607, 0.3143, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 76.5607, 0.3143, 0.3792.

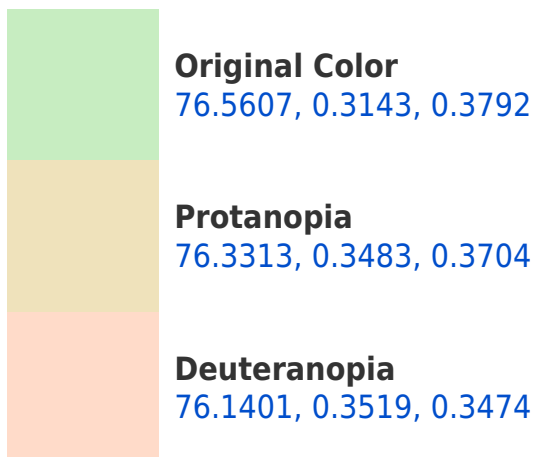


This preview shows how white text looks on a background with the Yxy color 76.5607, 0.3143, 0.3792.

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

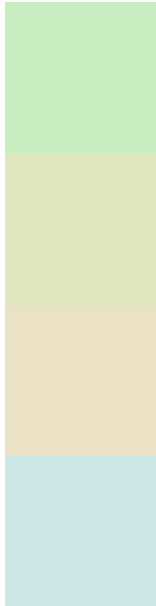




Tritanopia

76.2258, 0.2874, 0.3086

Trichromacy



Original Color

76.5607, 0.3143, 0.3792

Protanomaly

76.1150, 0.3351, 0.3739

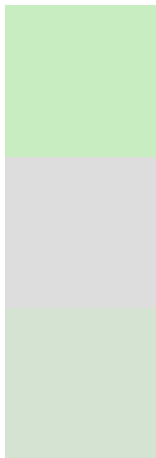
Deuteranomaly

76.1321, 0.3378, 0.3589

Tritanomaly

76.2938, 0.2973, 0.3334

Monochromacy



Original Color

76.5607, 0.3143, 0.3792

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.7875, 0.3133, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5607, 0.3143, 0.3792 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(199, 237, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 237, 193)  
}
```

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(199, 237, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 237, 193) }
```

Border

The CSS property to change the border of an element to Yxy 76.5607, 0.3143, 0.3792 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(199, 237, 193) }
```

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

```
.border{ border-color:rgb(199, 237, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 237, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 237, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 237, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 237,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5607, 0.3143, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 237, 193) }
```

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

```
.background{ background-color: rgb(199,  
237, 193) }
```

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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