

Converting Colors

$Yxy(72.9018, 0.3224, 0.3911)$

Have a look what the booklet for
Yxy(72.9018, 0.3224, 0.3911)
contains.

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Color

Yxy(72.8382, 0.3220, 0.3908)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C5E8B3 |
| RGB | 197, 232, 179 |
| RGB Percent | 77%, 91%, 70% |
| CMY | 0.2275, 0.0902, 0.2981 |
| CMYK | 0.15, 0.00, 0.23, 0.09 |
| HSL | 100°, 54%, 81% |
| HSV | 100°, 23%, 91% |
| XYZ | 60.0151, 72.8382, 53.5290 |
| YIQ | 215.4930, -3.8470, -23.9030 |

Conversions

Conversions Part 2

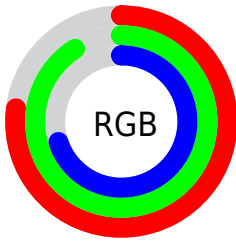
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 179, 232, 214 |
| Decimal | 12970163 |
| CIELab | 88.37, -20.92, 22.10 |
| CIELCh | 88, 30.431, 133.426 |
| Yxy | 72.8382, 0.3220, 0.3908 |
| Android (android.graphics.Color) | 4291160243 (0xFFC5E8B3) |
| YUV | 215.4930, -17.9910, -16.2184 |
| Hunter-Lab | 85.3453, -23.8325, 22.5547 |

Details

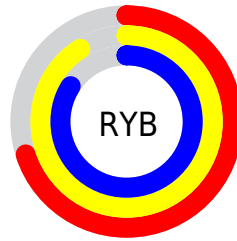
The Yxy color **72.8382, 0.3220, 0.3908** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.3515, 0.3009, 0.2697**, and the grayscale version is **68.4324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5890, 0.3238, 0.3484**, and **38.3967, 0.3238, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **70.0164, 0.3255, 0.4216**, and if you desaturate by 10%, it is **76.0344, 0.3181, 0.3621**.

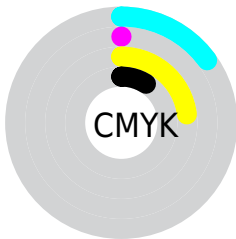
Distribution



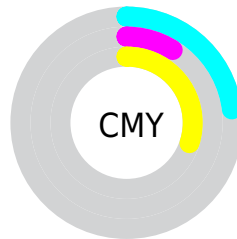
- Red (77%)
- Green (91%)
- Blue (70%)



- Red (70%)
- Yellow (91%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)





- Cyan (23%)
- Magenta (9%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8382, 0.3220, 0.3908 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 72.8382, 0.3220, 0.3908 by changing the saturation by 10% instead.

 72.8382, 0.3220,
0.3908

 72.8382, 0.3220,
0.3908


470.4538, 0.3183,
0.3612

 53.8437, 0.3227,
0.3978

 123.2475, 0.3208,
0.3804

 38.4767, 0.3235,
0.4065


155.4310, 0.3203,
0.3763

 26.3529, 0.3243,
0.4178


192.7797, 0.3199,
0.3729

 17.0878, 0.3252,
0.4328

235.6779, 0.3195,
0.3699

 10.2971, 0.3258,
0.4537

284.5100, 0.3191,
0.3674

 5.5964, 0.3255,
0.4847


339.6605, 0.3188,

 2.6013, 0.3238,

0.3651


0.5378


401.5136, 0.3185,
0.3630


 0.9273, 0.2853,
0.7147

 0.0000, 0.0000,
0.0000


 72.8382, 0.3220,
0.3908


 72.8382, 0.3220,
0.3908

 70.0164, 0.3255,
0.4216


 76.0344, 0.3181,
0.3621


 67.5454, 0.3281,
0.4536

 79.6088, 0.3139,
0.3360

 65.4133, 0.3297,
0.4857

 83.5773, 0.3097,
0.3125

 63.6036, 0.3299,
0.5161

 86.1986, 0.3138,
0.3068

■ 62.0985, 0.3284,
0.5430

■ 60.8781, 0.3252,
0.5645

■ 59.9192, 0.3206,
0.5795

■ 59.3731, 0.3168,
0.5866

Harmonies

Analogous

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



72.8382, 0.3566, 0.3935



72.8382, 0.3220, 0.3908



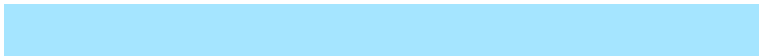
72.8382, 0.2862, 0.3682

Triad

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



72.8382, 0.3220, 0.3908



72.8382, 0.2487, 0.2774



72.8382, 0.3693, 0.3209

Complementary

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



72.8382, 0.3220, 0.3908



52.3515, 0.3009, 0.2697

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.



72.8382, 0.3374, 0.2940



72.8382, 0.3220, 0.3908



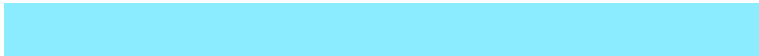
72.8382, 0.2681, 0.2692

Square

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



72.8382, 0.3220, 0.3908



72.8382, 0.2453, 0.3002



72.8382, 0.3000, 0.2754



72.8382, 0.3852, 0.3510

Rectangle

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



72.8382, 0.3220, 0.3908



72.8382, 0.2664, 0.3457



72.8382, 0.3000, 0.2754



72.8382, 0.3599, 0.3113

Sweetspot

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



72.8413, 0.3220, 0.3908



96.7360, 0.3157, 0.3466



68.2247, 0.3514, 0.3670



20.6476, 0.3159, 0.3482



0.0000, 0.0000, 0.0000



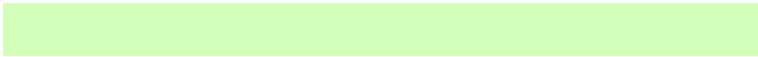
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8413, 0.3220, 0.3908



88.7057, 0.3236, 0.4037



70.8840, 0.3049, 0.3832



16.3259, 0.3167, 0.3529



33.0208, 0.3179, 0.5858



2.4898, 0.3292, 0.5768

Inverse Universe

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



52.3515, 0.3009, 0.2697



59.4917, 0.2981, 0.2578



54.7719, 0.3216, 0.2802



14.3572, 0.3084, 0.3055



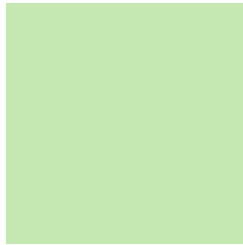
7.0762, 0.2371, 0.1080



0.5736, 0.2495, 0.1148

Previews

White Background



This preview shows how the Yxy color 72.8382, 0.3220, 0.3908 looks on a white background.

Color Contrast Check

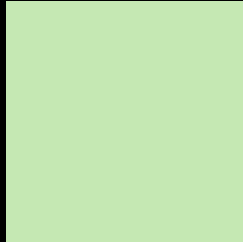
Large Text (above 18pt) WCAG AA × Fail

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 72.8382, 0.3220, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

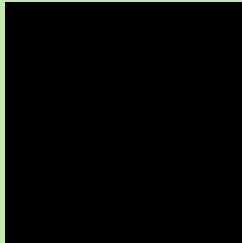
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

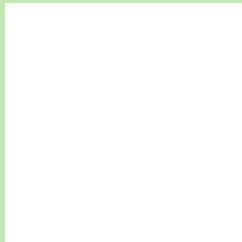
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8382, 0.3220, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 72.8382, 0.3220, 0.3908.

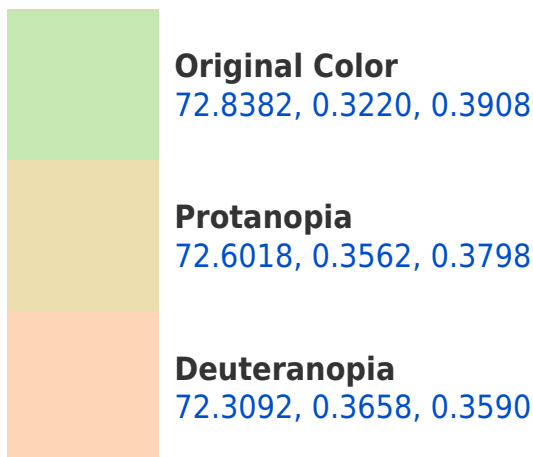


This preview shows how white text looks on a background with the Yxy color 72.8382, 0.3220, 0.3908.

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

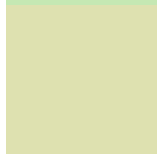
72.9276, 0.2906, 0.3105

Trichromacy



Original Color

72.8382, 0.3220, 0.3908



Protanomaly

72.5146, 0.3432, 0.3836



Deuteranomaly

72.0562, 0.3493, 0.3703



Tritanomaly

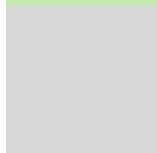
72.6966, 0.3020, 0.3391

Monochromacy



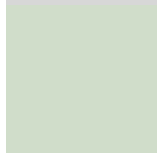
Original Color

72.8382, 0.3220, 0.3908



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.3871, 0.3160, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8382, 0.3220, 0.3908 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(197, 232, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 232, 179)  
}
```

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(197, 232, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 232, 179) }
```

Border

The CSS property to change the border of an element to Yxy 72.8382, 0.3220, 0.3908 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(197, 232, 179) }
```

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

```
.border{ border-color:rgb(197, 232, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 232, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 232, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 232, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 232,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8382, 0.3220, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 232, 179) }
```

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

```
.background{ background-color: rgb(197,  
232, 179) }
```

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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