

Converting Colors

$Yxy(75.3955, 0.3072, 0.3619)$

Have a look what the booklet for
Yxy(75.3955, 0.3072, 0.3619)
contains.

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Color

Yxy(75.3955, 0.3072, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	C7EACD
RGB	199, 234, 205
RGB Percent	78%, 92%, 80%
CMY	0.2195, 0.0824, 0.1961
CMYK	0.15, 0.00, 0.12, 0.08
HSL	130°, 45%, 85%
HSV	130°, 15%, 92%
XYZ	63.9997, 75.3955, 68.9372
YIQ	220.2290, -11.5510, -16.4390

Conversions

Conversions Part 2

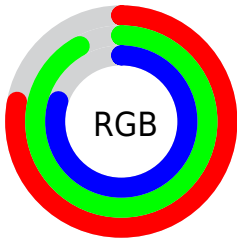
Format	Color
R_{YB}	199, 229, 234
Decimal	13101773
CIE _{Lab}	89.58, -16.83, 10.29
CIE _{LCh}	90, 19.731, 148.550
Yxy	75.3955, 0.3072, 0.3619
Android (android.graphics.Color)	4291291853 (0xFFC7EACD)
YUV	220.2290, -7.5079, -18.6178
Hunter-Lab	86.8306, -20.3876, 13.7094

Details

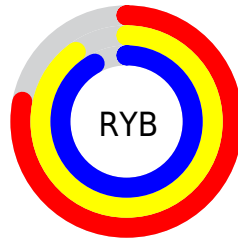
The Yxy color **75.3955, 0.3072, 0.3619** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.9526, 0.3188, 0.2982**, and the grayscale version is **71.8023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0949, 0.3057, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **71.5600, 0.3035, 0.3874**, and if you desaturate by 10%, it is **79.8457, 0.3109, 0.3392**.

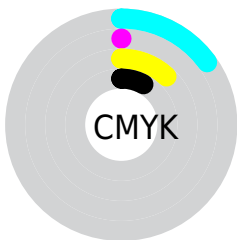
Distribution



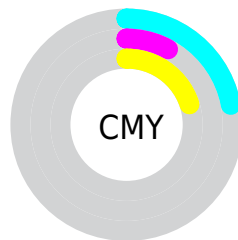
- Red (78%)
- Green (92%)
- Blue (80%)



- Red (78%)
- Yellow (90%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)





- Cyan (22%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3955, 0.3072, 0.3619 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 75.3955, 0.3072, 0.3619 by changing the saturation by 10% instead.

 75.3955, 0.3072,
0.3619

 75.3955, 0.3072,
0.3619

479.2759, 0.3099,
0.3464

 55.9370, 0.3065,
0.3655

126.8721, 0.3082,
0.3565

 40.1524, 0.3057,
0.3700


159.6589, 0.3085,
0.3544

 27.6574, 0.3046,
0.3758


197.6572, 0.3089,
0.3526

 18.0675, 0.3031,
0.3834

241.2515, 0.3091,
0.3510

 10.9985, 0.3010,
0.3940

290.8261, 0.3094,
0.3496

 6.0658, 0.2976,
0.4097


346.7654, 0.3096,


 2.8851, 0.2918,


0.3484


0.4352


409.4539, 0.3098,
0.3474

 1.0721, 0.2837,
0.5096


 0.0000, 0.0000,
0.0000


 75.3955, 0.3072,
0.3619


 75.3955, 0.3072,
0.3619


 71.5600, 0.3035,
0.3874


 79.8457, 0.3109,
0.3392

 68.3031, 0.3000,
0.4155

 84.9261, 0.3145,
0.3193

 65.5992, 0.2969,
0.4457

 87.3255, 0.3137,
0.3088

 63.4173, 0.2945,
0.4769

■ 61.7231, 0.2930,
0.5078

■ 60.4785, 0.2926,
0.5363

■ 59.6389, 0.2933,
0.5607

■ 59.1510, 0.2952,
0.5792

■ 58.9987, 0.2962,
0.5863

Harmonies

Analogous

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



75.3955, 0.3307, 0.3705



75.3955, 0.3072, 0.3619



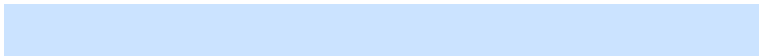
75.3955, 0.2858, 0.3434

Triad

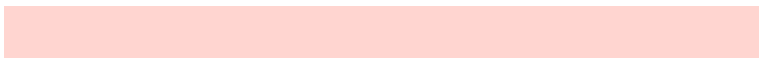
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3955, 0.3072, 0.3619



75.3955, 0.2762, 0.2916



75.3955, 0.3554, 0.3343

Complementary

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



75.3955, 0.3072, 0.3619



63.9526, 0.3188, 0.2982

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.



75.3955, 0.3398, 0.3147



75.3955, 0.3072, 0.3619



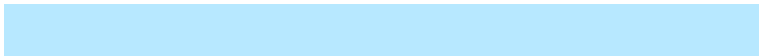
75.3955, 0.2937, 0.2906

Square

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



75.3955, 0.3072, 0.3619



75.3955, 0.2683, 0.3024



75.3955, 0.3169, 0.2990



75.3955, 0.3591, 0.3533

Rectangle

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



75.3955, 0.3072, 0.3619



75.3955, 0.2754, 0.3286



75.3955, 0.3169, 0.2990



75.3955, 0.3514, 0.3276

Sweetspot

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



75.3987, 0.3072, 0.3619



97.5838, 0.3113, 0.3372



79.4920, 0.3310, 0.3665



20.7927, 0.3110, 0.3388



0.0000, 0.0000, 0.0000



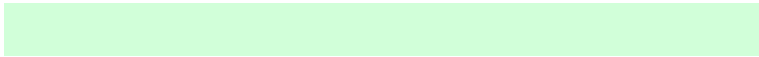
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3987, 0.3072, 0.3619



90.0968, 0.3060, 0.3696



76.2831, 0.2968, 0.3420



16.9042, 0.3092, 0.3491



33.1667, 0.2957, 0.5844



2.6167, 0.2892, 0.5613

Inverse Universe

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



63.9526, 0.3188, 0.2982



73.6350, 0.3202, 0.2915



63.0372, 0.3317, 0.3164



15.2670, 0.3164, 0.3097



12.0351, 0.3694, 0.1809



0.9567, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 75.3955, 0.3072, 0.3619 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 75.3955, 0.3072, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

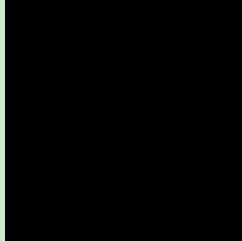
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

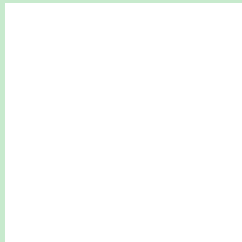
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3955, 0.3072, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 75.3955, 0.3072, 0.3619.

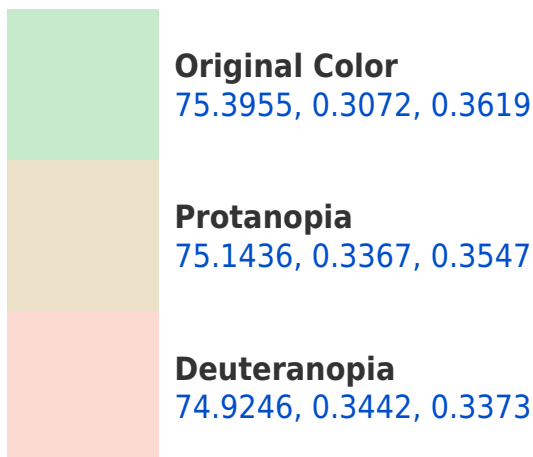


This preview shows how white text looks on a background with the Yxy color 75.3955, 0.3072, 0.3619.

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

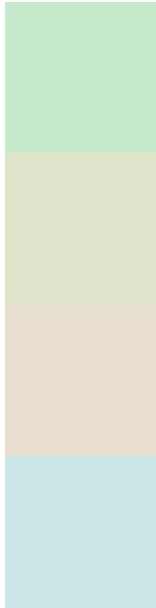




Tritanopia

75.2624, 0.2872, 0.3096

Trichromacy



Original Color

75.3955, 0.3072, 0.3619

Protanomaly

75.2807, 0.3254, 0.3574

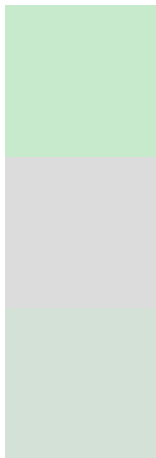
Deuteranomaly

74.6531, 0.3299, 0.3451

Tritanomaly

75.0597, 0.2942, 0.3278

Monochromacy



Original Color

75.3955, 0.3072, 0.3619

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.7538, 0.3101, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3955, 0.3072, 0.3619 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, 234, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 234, 205)  
}
```

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, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 234, 205) }
```

Border

The CSS property to change the border of an element to Yxy 75.3955, 0.3072, 0.3619 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, 234, 205) }
```

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

```
.border{ border-color:rgb(199, 234, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 234, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 234,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3955, 0.3072, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 234, 205) }
```

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

```
.background{ background-color: rgb(199,  
234, 205) }
```

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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