

Converting Colors

$Yxy(76.3279, 0.3049, 0.3627)$

Have a look what the booklet for
Yxy(76.3279, 0.3049, 0.3627)
contains.

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Color

Yxy(76.3175, 0.3052, 0.3630)

Conversions

Conversions Part 1

Format	Color
Hex	C5ECCE
RGB	197, 236, 206
RGB Percent	77%, 93%, 81%
CMY	0.2274, 0.0745, 0.1920
CMYK	0.17, 0.00, 0.13, 0.07
HSL	134°, 51%, 85%
HSV	134°, 17%, 93%
XYZ	64.1656, 76.3175, 69.7580
YIQ	220.9190, -13.6140, -17.5980

Conversions

Conversions Part 2

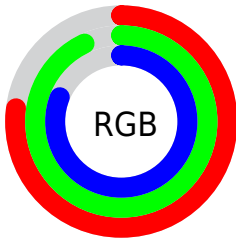
Format	Color
RYB	197, 229, 236
Decimal	12971214
CIELab	90.01, -18.30, 10.36
CIELCh	90, 21.028, 150.499
Yxy	76.3175, 0.3052, 0.3630
Android (android.graphics.Color)	4291161294 (0xFFC5ECCE)
YUV	220.9190, -7.3551, -20.9770
Hunter-Lab	87.3599, -21.7721, 13.8081

Details

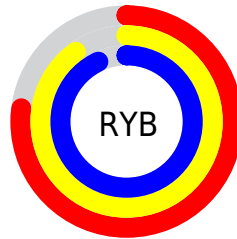
The Yxy color **76.3175, 0.3052, 0.3630** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.3137, 0.3212, 0.2972**, and the grayscale version is **72.3100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **40.7492, 0.3032, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **72.5486, 0.3008, 0.3870**, and if you desaturate by 10%, it is **80.6934, 0.3098, 0.3416**.

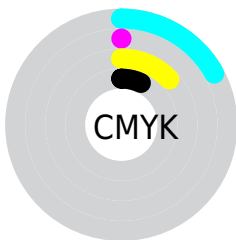
Distribution



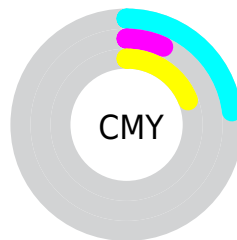
- Red (77%)
- Green (93%)
- Blue (81%)



- Red (77%)
- Yellow (90%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)





- Cyan (23%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3175, 0.3052, 0.3630 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 76.3175, 0.3052, 0.3630 by changing the saturation by 10% instead.

 76.3175, 0.3052,
0.3630

 76.3175, 0.3052,
0.3630


482.4339, 0.3088,
0.3470

 56.6929, 0.3043,
0.3667

128.1756, 0.3065,
0.3574

 40.7587, 0.3032,
0.3714


161.1779, 0.3070,
0.3552

 28.1306, 0.3018,
0.3773


199.4082, 0.3074,
0.3534

 18.4241, 0.2999,
0.3851

243.2509, 0.3078,
0.3518

 11.2549, 0.2971,
0.3960

293.0905, 0.3081,
0.3504

 6.2386, 0.2930,
0.4121

349.3112, 0.3084,

 2.9907, 0.2858,

0.3491

412.2975, 0.3086,
0.3480

0.4382

1.1269, 0.2736,
0.5087

0.0007, 0.0000,
1.0000

76.3175, 0.3052,
0.3630

76.3175, 0.3052,
0.3630

72.5486, 0.3008,
0.3870

80.6934, 0.3098,
0.3416

69.3503, 0.2966,
0.4133

85.6915, 0.3143,
0.3227

66.6973, 0.2931,
0.4416

88.4719, 0.3136,
0.3107

64.5586, 0.2904,
0.4709

■ 62.8997, 0.2889,
0.5001

■ 61.6822, 0.2887,
0.5275

■ 60.8610, 0.2900,
0.5516

■ 60.3807, 0.2926,
0.5710

■ 60.2639, 0.2935,
0.5766

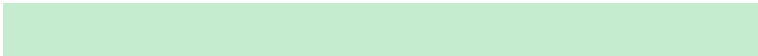
Harmonies

Analogous

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



76.3175, 0.3302, 0.3729



76.3175, 0.3052, 0.3630



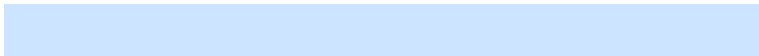
76.3175, 0.2829, 0.3428

Triad

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



76.3175, 0.3052, 0.3630



76.3175, 0.2749, 0.2889



76.3175, 0.3588, 0.3359

Complementary

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



76.3175, 0.3052, 0.3630



63.3137, 0.3212, 0.2972

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.



76.3175, 0.3428, 0.3151



76.3175, 0.3052, 0.3630



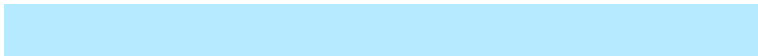
76.3175, 0.2940, 0.2886

Square

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



76.3175, 0.3052, 0.3630



76.3175, 0.2659, 0.2997



76.3175, 0.3188, 0.2982



76.3175, 0.3618, 0.3559

Rectangle

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



76.3175, 0.3052, 0.3630



76.3175, 0.2723, 0.3269



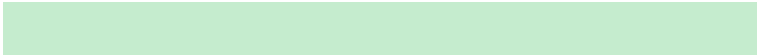
76.3175, 0.3188, 0.2982



76.3175, 0.3547, 0.3288

Sweetspot

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



76.3207, 0.3052, 0.3630



97.0463, 0.3104, 0.3386



80.4444, 0.3316, 0.3708



20.6863, 0.3101, 0.3400



0.0000, 0.0000, 0.0000



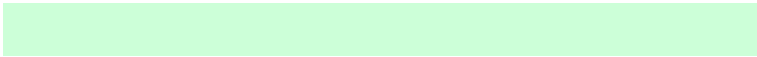
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3207, 0.3052, 0.3630



89.3048, 0.3036, 0.3712



77.2968, 0.2941, 0.3412



16.9193, 0.3084, 0.3476



33.2344, 0.2928, 0.5741



2.6241, 0.2856, 0.5483

Inverse Universe

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



63.3137, 0.3212, 0.2972



70.9290, 0.3233, 0.2902



62.3255, 0.3356, 0.3171



15.2507, 0.3173, 0.3111



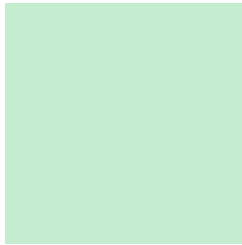
11.6987, 0.3896, 0.1920



0.9331, 0.3781, 0.1857

Previews

White Background



This preview shows how the Yxy color 76.3175, 0.3052, 0.3630 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 76.3175, 0.3052, 0.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

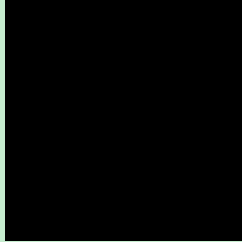
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

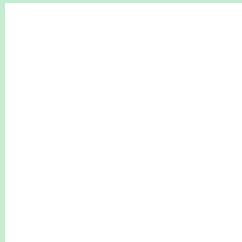
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3175, 0.3052, 0.3630

Background



This preview shows how black text looks on a background with the Yxy color 76.3175, 0.3052, 0.3630.

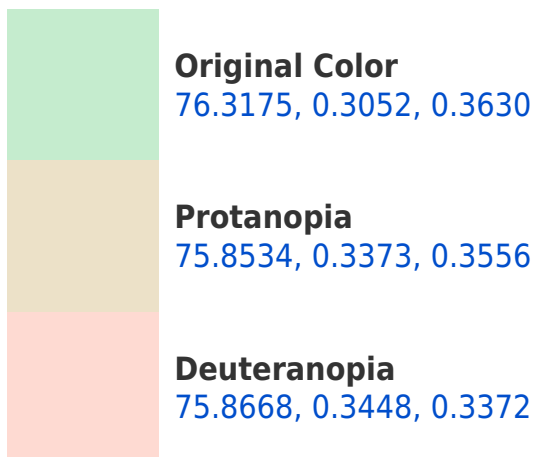


This preview shows how white text looks on a background with the Yxy color 76.3175, 0.3052, 0.3630.

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

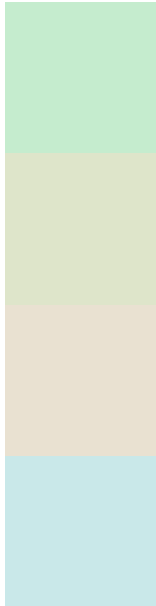




Tritanopia

76.2083, 0.2849, 0.3096

Trichromacy



Original Color

76.3175, 0.3052, 0.3630

Protanomaly

75.8325, 0.3253, 0.3585

Deuteranomaly

75.7775, 0.3290, 0.3461

Tritanomaly

76.0139, 0.2918, 0.3278

Monochromacy



Original Color

76.3175, 0.3052, 0.3630

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3476, 0.3094, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3175, 0.3052, 0.3630 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, 236, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 236, 206)  
}
```

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, 236, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 236, 206) }
```

Border

The CSS property to change the border of an element to Yxy 76.3175, 0.3052, 0.3630 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, 236, 206) }
```

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

```
.border{ border-color:rgb(197, 236, 206) }
```

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

Here you see how a box with a 4 pixel rgb(197, 236, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 236, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 236, 206);  
box-shadow:4px 4px 4px 4px rgb(197, 236,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3175, 0.3052, 0.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 236, 206) }
```

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

```
.background{ background-color: rgb(197,  
236, 206) }
```

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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