

Converting Colors

$Yxy(76.3548, 0.3111, 0.3657)$

Have a look what the booklet for
Yxy(76.3548, 0.3111, 0.3657)
contains.

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Color

Yxy(76.3774, 0.3116, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	CBEBCA
RGB	203, 235, 202
RGB Percent	80%, 92%, 79%
CMY	0.2041, 0.0784, 0.2078
CMYK	0.14, 0.00, 0.14, 0.08
HSL	118°, 45%, 86%
HSV	118°, 14%, 92%
XYZ	64.9896, 76.3774, 67.2004
YIQ	221.6700, -8.4790, -17.0470

Conversions

Conversions Part 2

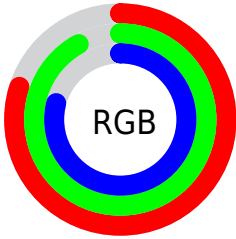
Format	Color
R_{YB}	202, 235, 234
Decimal	13364170
CIE _{Lab}	90.03, -16.55, 12.54
CIE _{LCh}	90, 20.763, 142.860
Y _{xy}	76.3774, 0.3116, 0.3662
Android (android.graphics.Color)	4291554250 (0xFFCBEBCA)
YUV	221.6700, -9.6973, -16.3736
Hunter-Lab	87.3942, -20.2004, 15.5858

Details

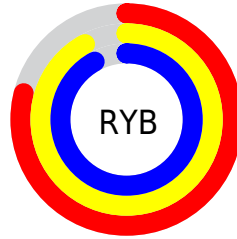
The Yxy color **76.3774, 0.3116, 0.3662** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.7500, 0.3136, 0.2943**, and the grayscale version is **72.8734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7679, 0.3114, 0.3749** is the 20% darker color. If you saturate the color by 10%, you get **72.3790, 0.3106, 0.3968**, and if you desaturate by 10%, it is **81.0238, 0.3124, 0.3390**.

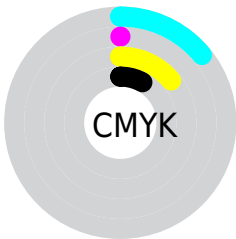
Distribution



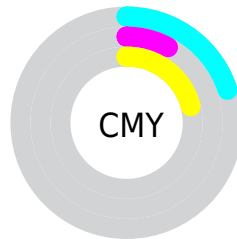
- Red (80%)
- Green (92%)
- Blue (79%)



- Red (79%)
- Yellow (92%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3774, 0.3116, 0.3662 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 76.3774, 0.3116, 0.3662 by changing the saturation by 10% instead.

■ 76.3774, 0.3116,
0.3662

■ 76.3774, 0.3116,
0.3662

482.6386, 0.3123,
0.3487

■ 56.7420, 0.3114,
0.3703

128.2602, 0.3119,
0.3601

■ 40.7982, 0.3111,
0.3753

161.2765, 0.3120,
0.3577

■ 28.1614, 0.3107,
0.3818

199.5218, 0.3121,
0.3557

■ 18.4474, 0.3100,
0.3904

243.3807, 0.3121,
0.3539

■ 11.2716, 0.3090,
0.4023

293.2374, 0.3122,
0.3524

■ 6.2499, 0.3073,
0.4198


349.4763, 0.3123,


■ 2.9976, 0.3037,

0.3510

0.4481


412.4819, 0.3123,
0.3498


 1.1305, 0.3081,
0.5344


 0.0038, 0.0000,
1.0000


 76.3774, 0.3116,
0.3662


 76.3774, 0.3116,
0.3662


 72.3790, 0.3106,
0.3968


 81.0238, 0.3124,
0.3390

 68.9905, 0.3094,
0.4304

 86.3347, 0.3131,
0.3153

 66.1850, 0.3080,
0.4659

 87.9053, 0.3136,
0.3098

 63.9295, 0.3064,
0.5016

■ 62.1880, 0.3048,
0.5350

■ 60.9200, 0.3032,
0.5632

■ 60.0791, 0.3019,
0.5839

■ 59.6092, 0.3008,
0.5959

■ 59.4688, 0.3005,
0.5996

Harmonies

Analogous

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



76.3774, 0.3359, 0.3728



76.3774, 0.3116, 0.3662



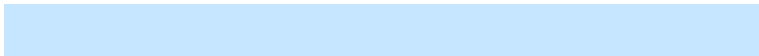
76.3774, 0.2883, 0.3483

Triad

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



76.3774, 0.3116, 0.3662



76.3774, 0.2721, 0.2912



76.3774, 0.3552, 0.3305

Complementary

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



76.3774, 0.3116, 0.3662



65.7500, 0.3136, 0.2943

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.



76.3774, 0.3369, 0.3105



76.3774, 0.3116, 0.3662



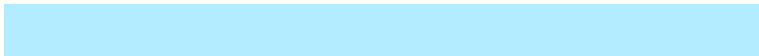
76.3774, 0.2887, 0.2882

Square

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



76.3774, 0.3116, 0.3662



76.3774, 0.2661, 0.3043



76.3774, 0.3123, 0.2953



76.3774, 0.3617, 0.3509

Rectangle

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



76.3774, 0.3116, 0.3662



76.3774, 0.2763, 0.3330



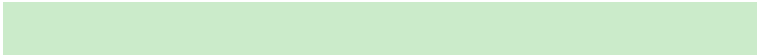
76.3774, 0.3123, 0.2953



76.3774, 0.3502, 0.3235

Sweetspot

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



76.3807, 0.3116, 0.3662



97.5294, 0.3124, 0.3389



80.7268, 0.3339, 0.3627



20.7790, 0.3124, 0.3409



0.0000, 0.0000, 0.0000



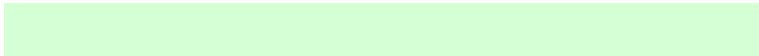
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3807, 0.3116, 0.3662



90.3857, 0.3113, 0.3751



77.0149, 0.3017, 0.3486



16.8827, 0.3120, 0.3533



33.1015, 0.3006, 0.5995



2.6065, 0.3023, 0.5981

Inverse Universe

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



65.7500, 0.3136, 0.2943



75.1575, 0.3138, 0.2866



65.0583, 0.3255, 0.3102



15.2905, 0.3133, 0.3058



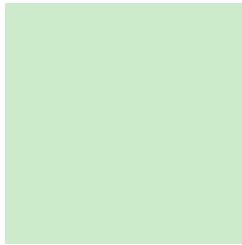
12.5527, 0.3138, 0.1502



0.9926, 0.3148, 0.1508

Previews

White Background



This preview shows how the Yxy color 76.3774, 0.3116, 0.3662 looks on a white background.

Color Contrast Check

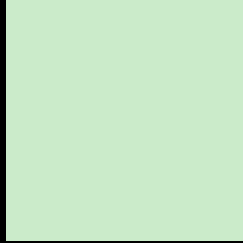
Large Text (above 18pt) WCAG AA × Fail

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 76.3774, 0.3116, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

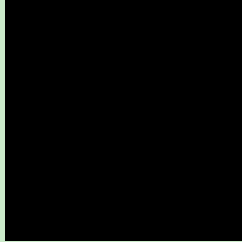
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

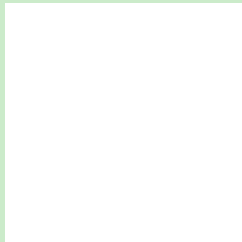
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3774, 0.3116, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 76.3774, 0.3116, 0.3662.

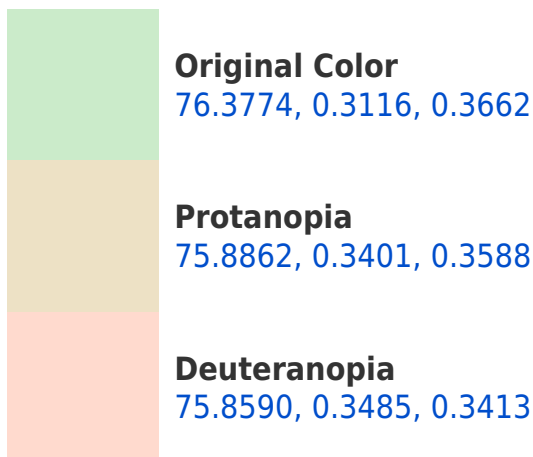


This preview shows how white text looks on a background with the Yxy color 76.3774, 0.3116, 0.3662.

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

76.4557, 0.2892, 0.3097

Trichromacy



Original Color

76.3774, 0.3116, 0.3662

Protanomaly

76.1697, 0.3294, 0.3616

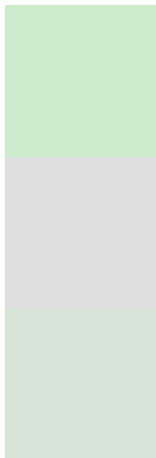
Deuteranomaly

75.5520, 0.3340, 0.3492

Tritanomaly

76.1867, 0.2968, 0.3290

Monochromacy



Original Color

76.3774, 0.3116, 0.3662

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.2915, 0.3121, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3774, 0.3116, 0.3662 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(203, 235, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 202)  
}
```

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(203, 235, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 202) }
```

Border

The CSS property to change the border of an element to Yxy 76.3774, 0.3116, 0.3662 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(203, 235, 202) }
```

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

```
.border{ border-color:rgb(203, 235, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 235, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3774, 0.3116, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 202) }
```

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

```
.background{ background-color: rgb(203,  
235, 202) }
```

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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