

Converting Colors

$Yxy(74.7391, 0.3025, 0.3700)$

Have a look what the booklet for
Yxy(74.7391, 0.3025, 0.3700)
contains.

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Color

Yxy(74.8524, 0.3030, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	BCECC8
RGB	188, 236, 200
RGB Percent	74%, 93%, 78%
CMY	0.2625, 0.0745, 0.2158
CMYK	0.20, 0.00, 0.15, 0.07
HSL	135°, 56%, 83%
HSV	135°, 20%, 93%
XYZ	61.1658, 74.8524, 65.8491
YIQ	217.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

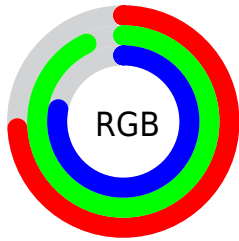
Format	Color
RYB	188, 226, 236
Decimal	12381384
CIELab	89.32, -22.30, 12.46
CIELCh	89, 25.548, 150.809
Yxy	74.8524, 0.3030, 0.3708
Android (android.graphics.Color)	4290571464 (0xFFBCECC8)
YUV	217.5440, -8.6492, -25.9101
Hunter-Lab	86.5173, -25.2097, 15.4359

Details

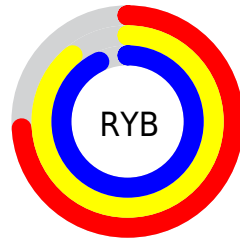
The Yxy color **74.8524, 0.3030, 0.3708** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.2059, 0.3241, 0.2905**, and the grayscale version is **69.8566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **39.7862, 0.3003, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **71.3169, 0.2984, 0.3951**, and if you desaturate by 10%, it is **78.9805, 0.3078, 0.3489**.

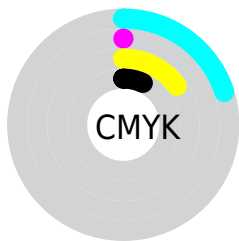
Distribution



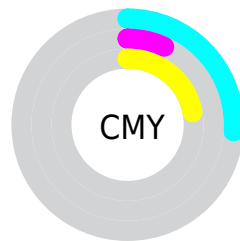
- Red (74%)
- Green (93%)
- Blue (78%)



- Red (74%)
- Yellow (89%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)





- Cyan (26%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8524, 0.3030, 0.3708 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 74.8524, 0.3030, 0.3708 by changing the saturation by 10% instead.


 74.8524, 0.3030,
0.3708

 74.8524, 0.3030,
0.3708


477.4101, 0.3078,
0.3510

 55.4920, 0.3018,
0.3755


 126.1034, 0.3047,
0.3638

 39.7958, 0.3004,
0.3813


158.7628, 0.3054,
0.3611

 27.3793, 0.2985,
0.3888


196.6239, 0.3059,
0.3588

 17.8583, 0.2959,
0.3987

240.0712, 0.3064,
0.3568

 10.8483, 0.2921,
0.4126

289.4891, 0.3068,
0.3551

 5.9649, 0.2863,
0.4334


345.2620, 0.3072,

 2.8238, 0.2763,


0.3536


407.7742, 0.3075,
0.3522


0.4675


 1.0404, 0.2524,
0.6015


 0.0000, 0.0000,
0.0000


 74.8524, 0.3030,
0.3708


 74.8524, 0.3030,
0.3708


 71.3169, 0.2984,
0.3951


 78.9805, 0.3078,
0.3489


 68.3374, 0.2943,
0.4216

 83.7170, 0.3126,
0.3296

 65.8879, 0.2909,
0.4498

 88.3516, 0.3147,
0.3124

 63.9365, 0.2885,
0.4787

 88.4691, 0.3136,
0.3107

■ 62.4477, 0.2875,
0.5070

■ 61.3811, 0.2879,
0.5332

■ 60.6892, 0.2898,
0.5558

■ 60.3015, 0.2926,
0.5733

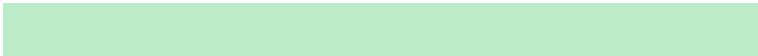
Harmonies

Analogous

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



74.8524, 0.3335, 0.3831



74.8524, 0.3030, 0.3708



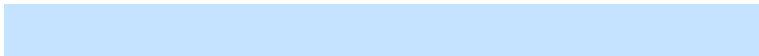
74.8524, 0.2760, 0.3455

Triad

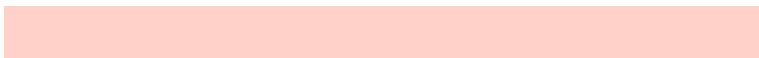
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8524, 0.3030, 0.3708



74.8524, 0.2670, 0.2802



74.8524, 0.3693, 0.3373

Complementary

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



74.8524, 0.3030, 0.3708



59.2059, 0.3241, 0.2905

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.



74.8524, 0.3498, 0.3123



74.8524, 0.3030, 0.3708



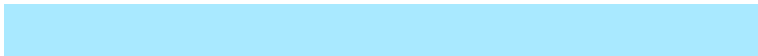
74.8524, 0.2901, 0.2803

Square

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



74.8524, 0.3030, 0.3708



74.8524, 0.2560, 0.2928



74.8524, 0.3203, 0.2919



74.8524, 0.3727, 0.3616

Rectangle

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



74.8524, 0.3030, 0.3708



74.8524, 0.2634, 0.3259



74.8524, 0.3203, 0.2919



74.8524, 0.3644, 0.3287

Sweetspot

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



74.8556, 0.3030, 0.3708



96.4944, 0.3098, 0.3403



79.5990, 0.3353, 0.3810



20.5756, 0.3095, 0.3416



0.0000, 0.0000, 0.0000



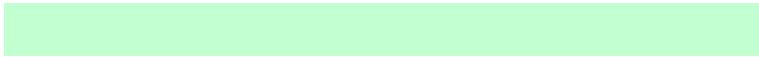
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8556, 0.3030, 0.3708



87.5672, 0.3012, 0.3797



76.0259, 0.2895, 0.3434



16.9236, 0.3082, 0.3472



33.2577, 0.2919, 0.5707



2.6265, 0.2845, 0.5443

Inverse Universe

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



59.2059, 0.3241, 0.2905



66.0330, 0.3267, 0.2831



58.0294, 0.3427, 0.3151



15.2460, 0.3176, 0.3115



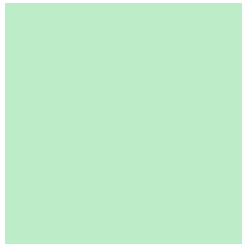
11.6083, 0.3957, 0.1953



0.9267, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 74.8524, 0.3030, 0.3708 looks on a white background.

Color Contrast Check

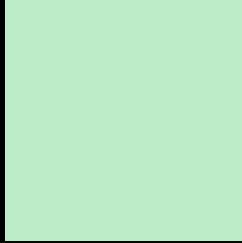
Large Text (above 18pt) WCAG AA × Fail

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 74.8524, 0.3030, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

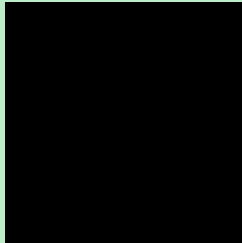
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

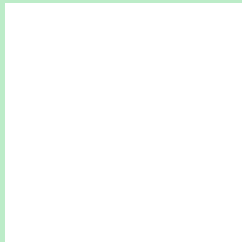
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8524, 0.3030, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 74.8524, 0.3030, 0.3708.

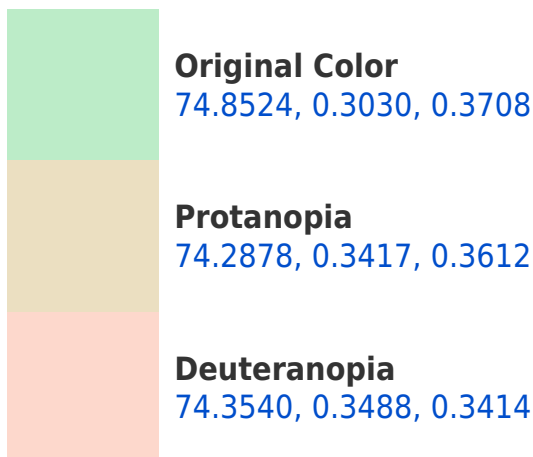


This preview shows how white text looks on a background with the Yxy color 74.8524, 0.3030, 0.3708.

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

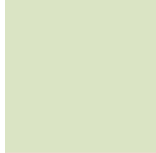
74.6863, 0.2806, 0.3082

Trichromacy



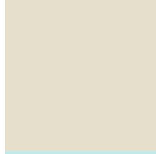
Original Color

74.8524, 0.3030, 0.3708



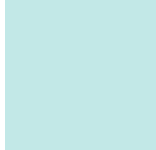
Protanomaly

74.3778, 0.3265, 0.3645



Deuteranomaly

73.7452, 0.3304, 0.3507



Tritanomaly

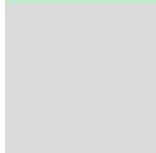
74.9521, 0.2886, 0.3300

Monochromacy



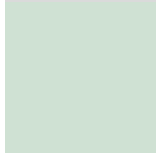
Original Color

74.8524, 0.3030, 0.3708



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.8190, 0.3092, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8524, 0.3030, 0.3708 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(188, 236, 200)` looks like.

```
.text, #text, p{  
    color:rgb(188, 236, 200)  
}
```

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(188, 236, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 236, 200) }
```

Border

The CSS property to change the border of an element to Yxy 74.8524, 0.3030, 0.3708 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(188, 236, 200) }
```

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

```
.border{ border-color:rgb(188, 236, 200) }
```

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

Here you see how a box with a 4 pixel rgb(188, 236, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 236, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 236, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 236,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8524, 0.3030, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 236, 200) }
```

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

```
.background{ background-color: rgb(188,  
236, 200) }
```

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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