

Converting Colors

$Yxy(74.5697, 0.2962, 0.3507)$

Have a look what the booklet for
Yxy(74.5697, 0.2962, 0.3507)
contains.

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Color

Yxy(74.8283, 0.2960, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFEAD7</code>
RGB	191, 234, 215
RGB Percent	75%, 92%, 84%
CMY	0.2510, 0.0823, 0.1567
CMYK	0.18, 0.00, 0.08, 0.08
HSL	154°, 51%, 83%
HSV	154°, 18%, 92%
XYZ	63.1751, 74.8283, 75.4259
YIQ	218.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

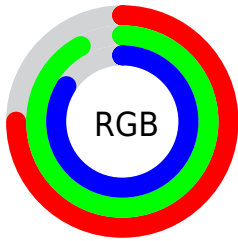
Format	Color
RYB	191, 219, 234
Decimal	12577495
CIELab	89.31, -17.58, 4.61
CIElCh	89, 18.173, 165.306
Yxy	74.8283, 0.2960, 0.3506
Android (android.graphics.Color)	4290767575 (0xFFBFEAD7)
YUV	218.9770, -1.9607, -24.5358
Hunter-Lab	86.5034, -21.0189, 8.8549

Details

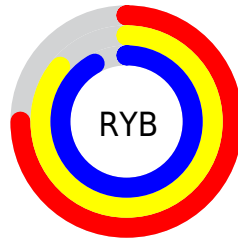
The Yxy color **74.8283, 0.2960, 0.3506** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.4003, 0.3332, 0.3084**, and the grayscale version is **70.8471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **39.6972, 0.2923, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **71.5222, 0.2875, 0.3642**, and if you desaturate by 10%, it is **78.6588, 0.3050, 0.3383**.

Distribution



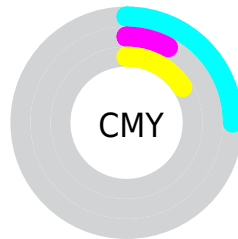
- Red (75%)
- Green (92%)
- Blue (84%)



- Red (75%)
- Yellow (86%)
- Blue (92%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)





- Cyan (25%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8283, 0.2960, 0.3506 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 74.8283, 0.2960, 0.3506 by changing the saturation by 10% instead.


 74.8283, 0.2960,
0.3506

 74.8283, 0.2960,
0.3506


477.3272, 0.3038,
0.3405

 55.4722, 0.2942,
0.3529


 126.0693, 0.2987,
0.3471

 39.7799, 0.2920,
0.3558


158.7230, 0.2998,
0.3457

 27.3670, 0.2892,
0.3596

196.5780, 0.3007,
0.3445

 17.8490, 0.2855,
0.3645


240.0188, 0.3014,
0.3435

 10.8417, 0.2804,
0.3712

289.4297, 0.3021,
0.3426

 5.9605, 0.2730,
0.3812

345.1952, 0.3027,

 2.8211, 0.2613,

0.3418

407.6995, 0.3033,
0.3411

0.3972

1.0390, 0.2304,
0.4347

0.0000, 0.0000,
0.0000

74.8283, 0.2960,
0.3506

74.8283, 0.2960,
0.3506

71.5222, 0.2875,
0.3642

78.6588, 0.3050,
0.3383

68.7076, 0.2799,
0.3790

83.0263, 0.3142,
0.3273

66.3620, 0.2733,
0.3948

86.7620, 0.3193,
0.3174

64.4578, 0.2682,
0.4116

87.3286, 0.3137,
0.3088

■ 62.9640, 0.2649,
0.4288

■ 61.8455, 0.2636,
0.4463

■ 61.0613, 0.2643,
0.4635

■ 60.5522, 0.2669,
0.4800

■ 60.4822, 0.2674,
0.4827

Harmonies

Analogous

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



74.8283, 0.3174, 0.3641



74.8283, 0.2960, 0.3506



74.8283, 0.2795, 0.3309

Triad

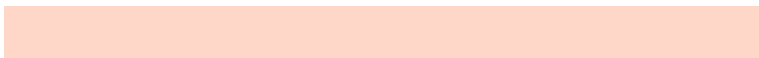
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8283, 0.2960, 0.3506



74.8283, 0.2871, 0.2927



74.8283, 0.3555, 0.3442

Complementary

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



74.8283, 0.2960, 0.3506



59.4003, 0.3332, 0.3084

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.



74.8283, 0.3469, 0.3258



74.8283, 0.2960, 0.3506



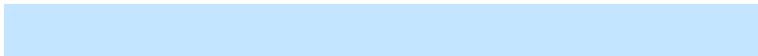
74.8283, 0.3069, 0.2968

Square

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



74.8283, 0.2960, 0.3506



74.8283, 0.2745, 0.2978



74.8283, 0.3289, 0.3087



74.8283, 0.3522, 0.3595

Rectangle

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



74.8283, 0.2960, 0.3506



74.8283, 0.2732, 0.3175



74.8283, 0.3289, 0.3087



74.8283, 0.3539, 0.3381

Sweetspot

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



74.8314, 0.2960, 0.3506



96.7858, 0.3071, 0.3356



76.3620, 0.3236, 0.3772



20.6444, 0.3065, 0.3364



0.0000, 0.0000, 0.0000



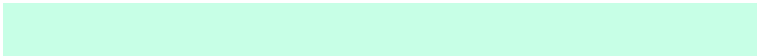
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8314, 0.2960, 0.3506



89.3763, 0.2928, 0.3555



74.6468, 0.2850, 0.3265



17.0032, 0.3040, 0.3396



34.0118, 0.2667, 0.4801



2.6900, 0.2603, 0.4572

Inverse Universe

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



59.4003, 0.3332, 0.3084



67.4231, 0.3384, 0.3040



59.4553, 0.3481, 0.3315



15.1644, 0.3224, 0.3187



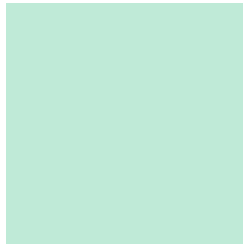
10.4066, 0.5205, 0.2641



0.8362, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 74.8283, 0.2960, 0.3506 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 74.8283, 0.2960, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

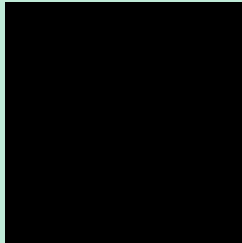
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

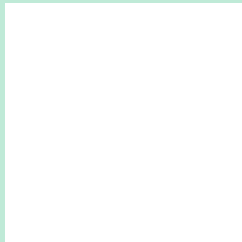
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8283, 0.2960, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 74.8283, 0.2960, 0.3506.

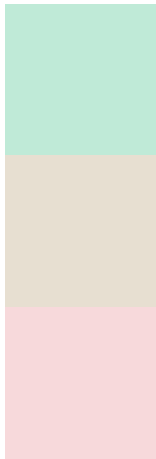


This preview shows how white text looks on a background with the Yxy color 74.8283, 0.2960, 0.3506.

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



Original Color

74.8283, 0.2960, 0.3506

Protanopia

74.3677, 0.3278, 0.3440

Deuteranopia

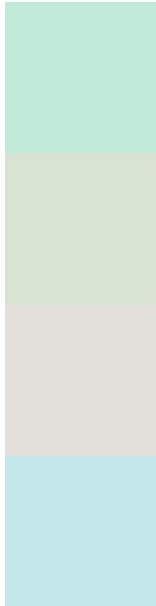
74.5143, 0.3333, 0.3270



Tritanopia

74.6243, 0.2811, 0.3093

Trichromacy



Original Color

74.8283, 0.2960, 0.3506

Protanomaly

74.2402, 0.3154, 0.3466

Deuteranomaly

74.1682, 0.3188, 0.3344

Tritanomaly

74.7521, 0.2868, 0.3245

Monochromacy



Original Color

74.8283, 0.2960, 0.3506

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9286, 0.3062, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8283, 0.2960, 0.3506 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(191, 234, 215)` looks like.

```
.text, #text, p{  
    color:rgb(191, 234, 215)  
}
```

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(191, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 234, 215) }
```

Border

The CSS property to change the border of an element to Yxy 74.8283, 0.2960, 0.3506 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(191, 234, 215) }
```

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

```
.border{ border-color:rgb(191, 234, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 234, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(191, 234,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8283, 0.2960, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 234, 215) }
```

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

```
.background{ background-color: rgb(191,  
234, 215) }
```

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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