

Converting Colors

$Yxy(75.3048, 0.2961, 0.3622)$

Have a look what the booklet for
Yxy(75.3048, 0.2961, 0.3622)
contains.

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Color

Yxy(75.4367, 0.2964, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	B9EDD0
RGB	185, 237, 208
RGB Percent	73%, 93%, 82%
CMY	0.2744, 0.0706, 0.1843
CMYK	0.22, 0.00, 0.12, 0.07
HSL	147°, 59%, 83%
HSV	147°, 22%, 93%
XYZ	61.6812, 75.4367, 70.9833
YIQ	218.1460, -21.6830, -20.0430

Conversions

Conversions Part 2

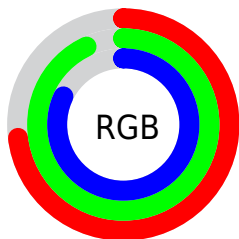
Format	Color
R _{YB}	185, 221, 237
Decimal	12185040
CIE Lab	89.60, -22.27, 8.65
CIE LCh	90, 23.892, 158.786
Yxy	75.4367, 0.2964, 0.3625
Android (android.graphics.Color)	4290375120 (0xFFB9EDD0)
YUV	218.1460, -5.0020, -29.0690
Hunter-Lab	86.8543, -25.2299, 12.3421

Details

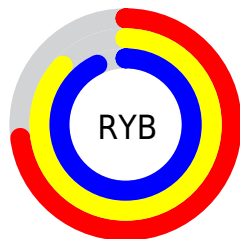
The Yxy color **75.4367, 0.2964, 0.3625** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.5699, 0.3332, 0.2978**, and the grayscale version is **70.2682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **40.2061, 0.2921, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **72.1092, 0.2896, 0.3805**, and if you desaturate by 10%, it is **79.3160, 0.3037, 0.3462**.

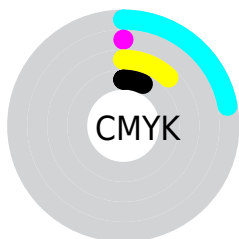
Distribution



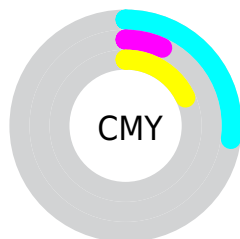
- Red (73%)
- Green (93%)
- Blue (82%)



- Red (73%)
- Yellow (87%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)




- Cyan (27%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4367, 0.2964, 0.3625 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 75.4367, 0.2964, 0.3625 by changing the saturation by 10% instead.


 75.4367, 0.2964,
0.3625

 75.4367, 0.2964,
0.3625


479.4172, 0.3041,
0.3467

 55.9707, 0.2946,
0.3662


 126.9303, 0.2991,
0.3570

 40.1795, 0.2924,
0.3708


159.7268, 0.3001,
0.3548

 27.6785, 0.2895,
0.3767


197.7355, 0.3010,
0.3530

 18.0834, 0.2857,
0.3845

241.3409, 0.3018,
0.3514

 11.0099, 0.2804,
0.3954

290.9274, 0.3025,
0.3500

 6.0735, 0.2726,
0.4115


346.8794, 0.3031,

 2.8898, 0.2599,


0.3488

0.4378


409.5812, 0.3036,
0.3477


 1.0745, 0.2227,
0.5134


 0.0000, 0.0000,
0.0000


 75.4367, 0.2964,
0.3625


 75.4367, 0.2964,
0.3625


 72.1092, 0.2896,
0.3805


 79.3160, 0.3037,
0.3462


 69.2986, 0.2835,
0.4001

 83.7617, 0.3113,
0.3316

 66.9801, 0.2785,
0.4210

 88.5851, 0.3181,
0.3187

 65.1233, 0.2750,
0.4428

 89.0482, 0.3135,
0.3117

■ 63.6942, 0.2733,
0.4649

■ 62.6539, 0.2735,
0.4866

■ 61.9557, 0.2756,
0.5071

■ 61.5832, 0.2785,
0.5225

Harmonies

Analogous

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



75.4367, 0.3247, 0.3777



75.4367, 0.2964, 0.3625



75.4367, 0.2732, 0.3372

Triad

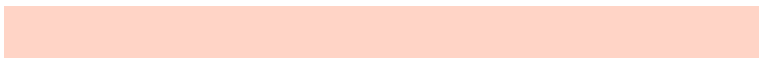
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4367, 0.2964, 0.3625



75.4367, 0.2747, 0.2822



75.4367, 0.3679, 0.3432

Complementary

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



75.4367, 0.2964, 0.3625



57.5699, 0.3332, 0.2978

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.



75.4367, 0.3533, 0.3194



75.4367, 0.2964, 0.3625



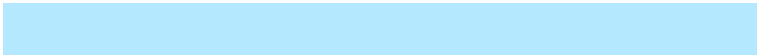
75.4367, 0.2988, 0.2853

Square

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



75.4367, 0.2964, 0.3625



75.4367, 0.2611, 0.2910



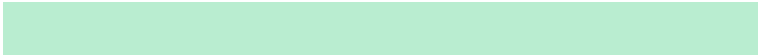
75.4367, 0.3276, 0.2987



75.4367, 0.3668, 0.3647

Rectangle

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



75.4367, 0.2964, 0.3625



75.4367, 0.2633, 0.3191



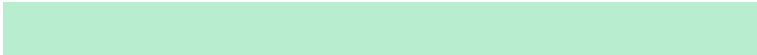
75.4367, 0.3276, 0.2987



75.4367, 0.3647, 0.3352

Sweetspot

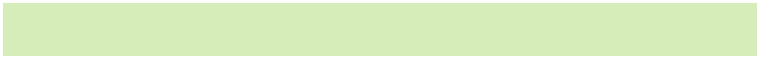
The Sweet Spot groups the original color and five complimentary colors.



75.4399, 0.2964, 0.3625



96.1454, 0.3074, 0.3388



78.4403, 0.3298, 0.3866



20.5113, 0.3069, 0.3397



0.0000, 0.0000, 0.0000



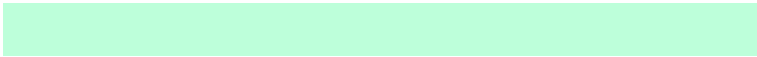
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4399, 0.2964, 0.3625



87.3628, 0.2935, 0.3698



76.7996, 0.2820, 0.3328



16.9728, 0.3056, 0.3424



33.6477, 0.2776, 0.5195



2.6612, 0.2701, 0.4925

Inverse Universe

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



57.5699, 0.3332, 0.2978



63.0004, 0.3381, 0.2915



56.3656, 0.3544, 0.3253



15.1948, 0.3206, 0.3159



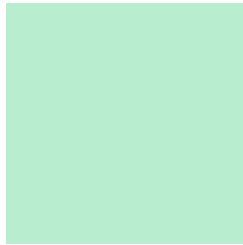
10.7698, 0.4712, 0.2369



0.8650, 0.4446, 0.2223

Previews

White Background



This preview shows how the Yxy color 75.4367, 0.2964, 0.3625 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 75.4367, 0.2964, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

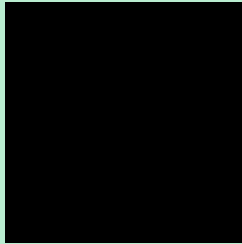
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

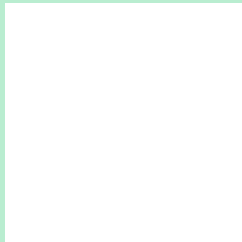
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4367, 0.2964, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 75.4367, 0.2964, 0.3625.

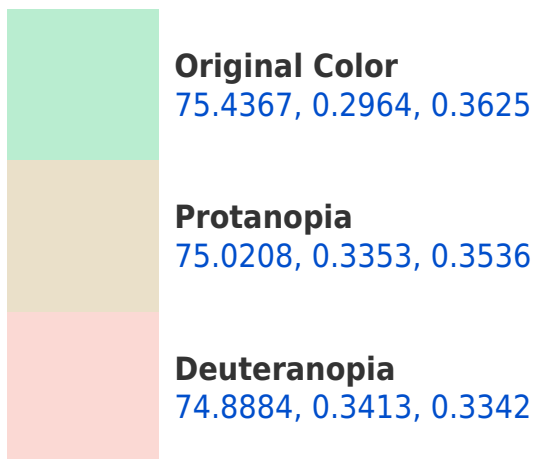


This preview shows how white text looks on a background with the Yxy color 75.4367, 0.2964, 0.3625.

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

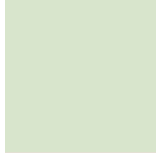
75.3288, 0.2778, 0.3092

Trichromacy



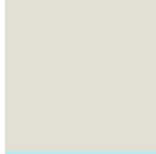
Original Color

75.4367, 0.2964, 0.3625



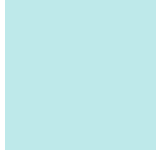
Protanomaly

74.9972, 0.3197, 0.3566



Deuteranomaly

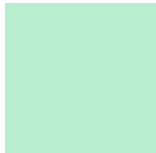
74.3454, 0.3234, 0.3430



Tritanomaly

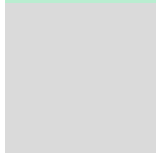
75.1655, 0.2845, 0.3278

Monochromacy



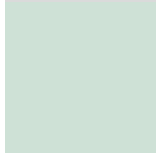
Original Color

75.4367, 0.2964, 0.3625



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.8273, 0.3066, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4367, 0.2964, 0.3625 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(185, 237, 208)` looks like.

```
.text, #text, p{  
    color:rgb(185, 237, 208)  
}
```

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(185, 237, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 237, 208) }
```

Border

The CSS property to change the border of an element to Yxy 75.4367, 0.2964, 0.3625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

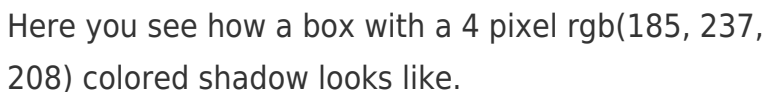
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 237, 208) }
```

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

```
.border{ border-color:rgb(185, 237, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 237, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 237, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 237, 208);  
box-shadow:4px 4px 4px 4px rgb(185, 237,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4367, 0.2964, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 237, 208) }
```

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

```
.background{ background-color: rgb(185,  
237, 208) }
```

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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