

Converting Colors

$Yxy(74.2388, 0.2920, 0.3440)$

Have a look what the booklet for
Yxy(74.2388, 0.2920, 0.3440)
contains.

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Color

Yxy(74.2640, 0.2918, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	BDE9DC
RGB	189, 233, 220
RGB Percent	74%, 91%, 86%
CMY	0.2590, 0.0862, 0.1373
CMYK	0.19, 0.00, 0.06, 0.09
HSL	162°, 50%, 83%
HSV	162°, 19%, 91%
XYZ	63.0315, 74.2640, 78.7138
YIQ	218.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

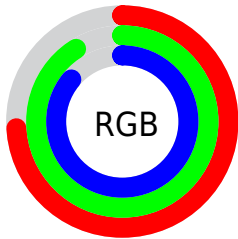
Format	Color
R _{YB}	189, 215, 233
Decimal	12446172
CIE Lab	89.05, -16.77, 1.62
CIE LCh	89, 16.844, 174.490
Yxy	74.2640, 0.2918, 0.3438
Android (android.graphics.Color)	4290636252 (0xFFBDE9DC)
YUV	218.3620, 0.8075, -25.7505
Hunter-Lab	86.1766, -20.2500, 6.1680

Details

The Yxy color **74.2640, 0.2918, 0.3438** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.9611, 0.3391, 0.3147**, and the grayscale version is **70.3740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **39.3118, 0.2869, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **71.1663, 0.2816, 0.3528**, and if you desaturate by 10%, it is **77.8616, 0.3027, 0.3356**.

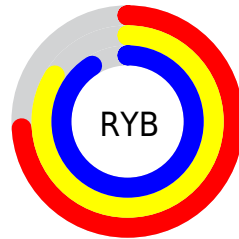
Distribution



Red (74%)

Green (91%)

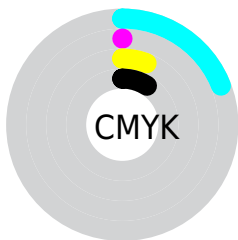
Blue (86%)



Red (74%)

Yellow (84%)

Blue (91%)

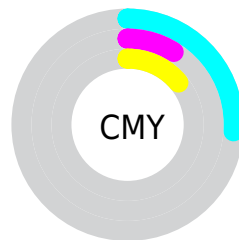


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (9%)



Cyan (26%)


Magenta (9%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2640, 0.2918, 0.3438 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 74.2640, 0.2918, 0.3438 by changing the saturation by 10% instead.


 74.2640, 0.2918,
0.3438

 74.2640, 0.2918,
0.3438


475.3840, 0.3015,
0.3369

 55.0101, 0.2896,
0.3454


 125.2700, 0.2952,
0.3414

 39.4098, 0.2869,
0.3473


157.7909, 0.2965,
0.3405

 27.0787, 0.2834,
0.3498


195.5029, 0.2976,
0.3397

 17.6323, 0.2789,
0.3531

238.7905, 0.2986,
0.3390

 10.6864, 0.2728,
0.3575

288.0380, 0.2994,
0.3384

 5.8563, 0.2639,
0.3640

343.6298, 0.3002,

 2.7579, 0.2500,

0.3378

405.9504, 0.3009,
0.3374

0.3743

1.0067, 0.2148,
0.3984

0.0000, 0.0000,
0.0000

74.2640, 0.2918,
0.3438

74.2640, 0.2918,
0.3438

71.1663, 0.2816,
0.3528

77.8616, 0.3027,
0.3356

68.5361, 0.2725,
0.3624


81.9714, 0.3140,
0.3282

66.3519, 0.2646,
0.3727


85.8790, 0.3228,
0.3216

64.5862, 0.2584,
0.3836

86.2977, 0.3184,
0.3149

 63.2090, 0.2539,
0.3947

 86.7322, 0.3141,
0.3083

 62.1857, 0.2515,
0.4061

 86.7687, 0.3137,
0.3078

 61.4757, 0.2511,
0.4174

 61.0172, 0.2525,
0.4285

 60.9738, 0.2527,
0.4297

Harmonies

Analogous

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



74.2640, 0.3108, 0.3586



74.2640, 0.2918, 0.3438



74.2640, 0.2786, 0.3250

Triad

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



74.2640, 0.2918, 0.3438



74.2640, 0.2940, 0.2955



74.2640, 0.3527, 0.3480

Complementary

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



74.2640, 0.2918, 0.3438



57.9611, 0.3391, 0.3147

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.



74.2640, 0.3480, 0.3313



74.2640, 0.2918, 0.3438



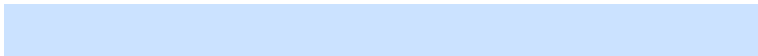
74.2640, 0.3136, 0.3017

Square

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



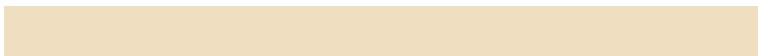
74.2640, 0.2918, 0.3438



74.2640, 0.2798, 0.2976



74.2640, 0.3335, 0.3146



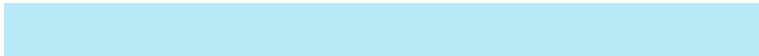
74.2640, 0.3463, 0.3605

Rectangle

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



74.2640, 0.2918, 0.3438



74.2640, 0.2746, 0.3132



74.2640, 0.3335, 0.3146



74.2640, 0.3524, 0.3427

Sweetspot

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



74.2671, 0.2918, 0.3438



96.9249, 0.3059, 0.3334



74.5402, 0.3193, 0.3794



20.6773, 0.3052, 0.3339



0.0000, 0.0000, 0.0000



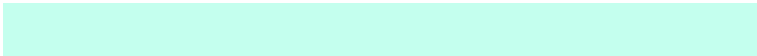
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2671, 0.2918, 0.3438



89.4559, 0.2874, 0.3475



70.1171, 0.2838, 0.3189



17.0416, 0.3020, 0.3361



34.6141, 0.2522, 0.4280



2.7348, 0.2479, 0.4125

Inverse Universe

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



57.9611, 0.3391, 0.3147



65.7371, 0.3465, 0.3113



61.2767, 0.3480, 0.3389



15.1273, 0.3246, 0.3221



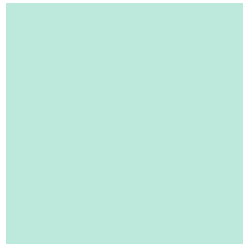
10.0917, 0.5775, 0.2955



0.8088, 0.5380, 0.2738

Previews

White Background



This preview shows how the Yxy color 74.2640, 0.2918, 0.3438 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 74.2640, 0.2918, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

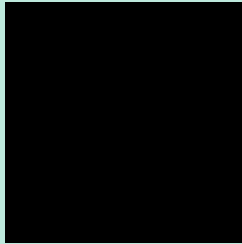
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

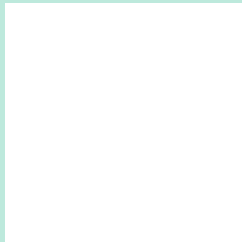
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2640, 0.2918, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 74.2640, 0.2918, 0.3438.

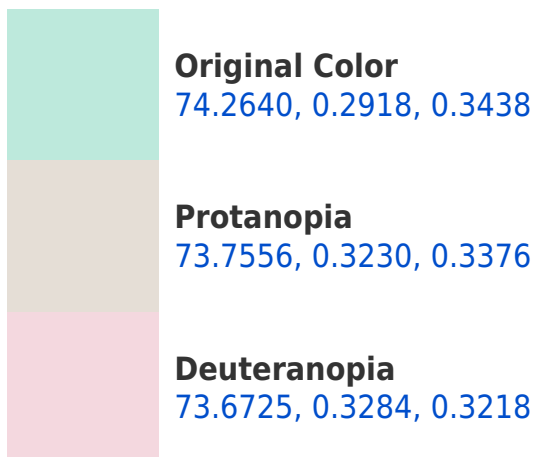


This preview shows how white text looks on a background with the Yxy color 74.2640, 0.2918, 0.3438.

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

74.2234, 0.2793, 0.3092

Trichromacy



Original Color

74.2640, 0.2918, 0.3438

Protanomaly

73.6467, 0.3108, 0.3400

Deuteranomaly

73.3638, 0.3141, 0.3290

Tritanomaly

73.9145, 0.2838, 0.3211

Monochromacy



Original Color

74.2640, 0.2918, 0.3438

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1552, 0.3042, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2640, 0.2918, 0.3438 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(189, 233, 220)` looks like.

```
.text, #text, p{  
    color:rgb(189, 233, 220)  
}
```

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(189, 233, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 233, 220) }
```

Border

The CSS property to change the border of an element to Yxy 74.2640, 0.2918, 0.3438 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(189, 233, 220) }
```

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

```
.border{ border-color:rgb(189, 233, 220) }
```

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

Here you see how a box with a 4 pixel rgb(189, 233, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 233, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 233, 220);  
box-shadow:4px 4px 4px 4px rgb(189, 233,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2640, 0.2918, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 233, 220) }
```

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

```
.background{ background-color: rgb(189,  
233, 220) }
```

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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