

Converting Colors

Yxy(69.5134, 0.3011, 0.3572)

Have a look what the booklet for
Yxy(69.5134, 0.3011, 0.3572)
contains.

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Color

Yxy(69.2218, 0.3012, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	BBE2CA
RGB	187, 226, 202
RGB Percent	73%, 89%, 79%
CMY	0.2666, 0.1137, 0.2078
CMYK	0.17, 0.00, 0.11, 0.11
HSL	143°, 40%, 81%
HSV	143°, 17%, 89%
XYZ	58.3532, 69.2218, 66.1608
YIQ	211.6030, -15.5400, -15.7320

Conversions

Conversions Part 2

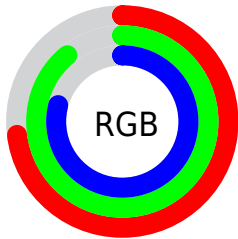
Format	Color
RYB	187, 215, 226
Decimal	12313290
CIELab	86.61, -17.34, 7.52
CIElCh	87, 18.904, 156.554
Yxy	69.2218, 0.3012, 0.3573
Android (android.graphics.Color)	4290503370 (0xFFBBE2CA)
YUV	211.6030, -4.7343, -21.5768
Hunter-Lab	83.1996, -20.4059, 11.0920

Details

The Yxy color **69.2218, 0.3012, 0.3573** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4214, 0.3263, 0.3023**, and the grayscale version is **65.6043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **36.2505, 0.2979, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **65.9649, 0.2948, 0.3763**, and if you desaturate by 10%, it is **72.9925, 0.3078, 0.3402**.

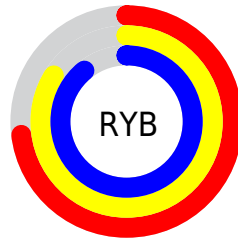
Distribution



Red (73%)

Green (89%)

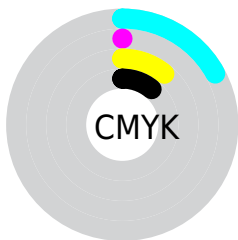
Blue (79%)



Red (73%)

Yellow (84%)

Blue (89%)

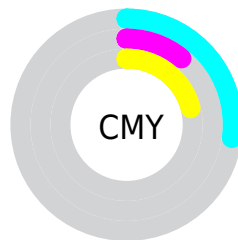


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (11%)



Cyan (27%)


Magenta (11%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2218, 0.3012, 0.3573 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 69.2218, 0.3012, 0.3573 by changing the saturation by 10% instead.


 69.2218, 0.3012,
0.3573

 69.2218, 0.3012,
0.3573


457.8129, 0.3067,
0.3438

 50.8924, 0.2999,
0.3605

 118.0983, 0.3032,
0.3525

 36.1230, 0.2982,
0.3645


149.4142, 0.3039,
0.3507

 24.5292, 0.2961,
0.3697


185.8277, 0.3045,
0.3491

 15.7266, 0.2933,
0.3766

227.7231, 0.3051,
0.3478

 9.3309, 0.2892,
0.3863

275.4850, 0.3056,
0.3466

 4.9576, 0.2831,
0.4011


329.4976, 0.3060,

 2.2224, 0.2727,


0.3456

0.4259


390.1455, 0.3064,
0.3446


 0.7322, 0.2136,
0.5738


 0.0000, 0.0000,
0.0000


 69.2218, 0.3012,
0.3573

 69.2218, 0.3012,
0.3573


 65.9649, 0.2948,
0.3763


 72.9925, 0.3078,
0.3402

 63.1907, 0.2890,
0.3972

 77.2894, 0.3146,
0.3250

 60.8777, 0.2841,
0.4198

 82.1352, 0.3212,
0.3116

 58.9997, 0.2803,
0.4434

 82.8735, 0.3140,
0.3009

■ 57.5275, 0.2781,
0.4676

■ 56.4282, 0.2777,
0.4914

■ 55.6635, 0.2791,
0.5140

■ 55.1833, 0.2823,
0.5343

■ 55.0791, 0.2832,
0.5396

Harmonies

Analogous

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



69.2218, 0.3244, 0.3688



69.2218, 0.3012, 0.3573



69.2218, 0.2816, 0.3374

Triad

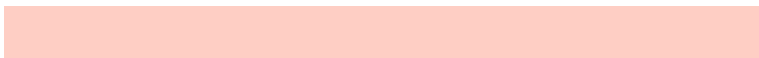
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2218, 0.3012, 0.3573



69.2218, 0.2805, 0.2909



69.2218, 0.3571, 0.3395

Complementary

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



69.2218, 0.3012, 0.3573



56.4214, 0.3263, 0.3023

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.



69.2218, 0.3444, 0.3199



69.2218, 0.3012, 0.3573



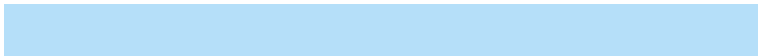
69.2218, 0.2998, 0.2925

Square

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



69.2218, 0.3012, 0.3573



69.2218, 0.2700, 0.2990



69.2218, 0.3232, 0.3030



69.2218, 0.3572, 0.3573

Rectangle

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



69.2218, 0.3012, 0.3573



69.2218, 0.2729, 0.3228



69.2218, 0.3232, 0.3030



69.2218, 0.3541, 0.3329

Sweetspot

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



69.2247, 0.3012, 0.3573



97.1662, 0.3093, 0.3367



71.8395, 0.3276, 0.3733



20.7154, 0.3089, 0.3378



0.0000, 0.0000, 0.0000



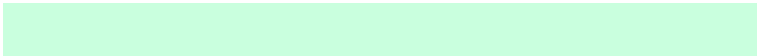
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2247, 0.3012, 0.3573



89.2754, 0.2987, 0.3645



70.2052, 0.2894, 0.3342



15.4240, 0.3064, 0.3438



31.4437, 0.2824, 0.5366



2.1966, 0.2737, 0.5053

Inverse Universe

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



56.4214, 0.3263, 0.3023



69.2082, 0.3299, 0.2960



55.5038, 0.3420, 0.3239



13.8417, 0.3196, 0.3147



10.3141, 0.4471, 0.2237



0.7323, 0.4225, 0.2101

Previews

White Background



This preview shows how the Yxy color 69.2218, 0.3012, 0.3573 looks on a white background.

Color Contrast Check

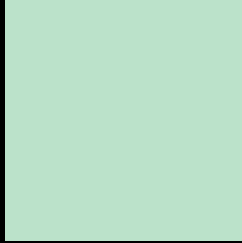
Large Text (above 18pt) WCAG AA × Fail

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 69.2218, 0.3012, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

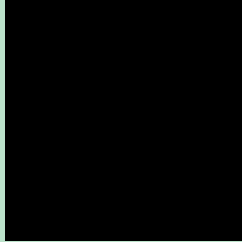
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

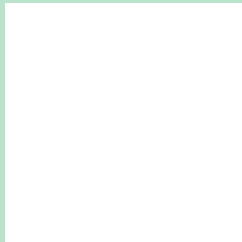
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2218, 0.3012, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 69.2218, 0.3012, 0.3573.

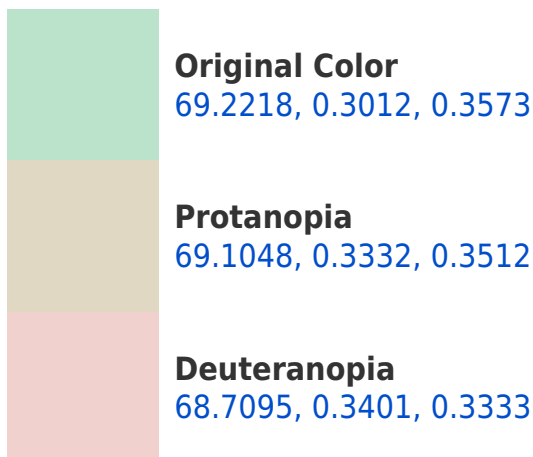


This preview shows how white text looks on a background with the Yxy color 69.2218, 0.3012, 0.3573.

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

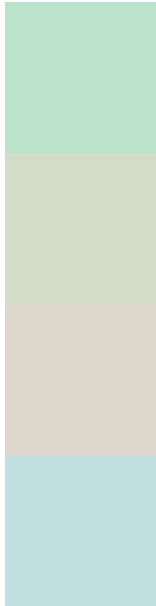




Tritanopia

69.2234, 0.2832, 0.3098

Trichromacy



Original Color

69.2218, 0.3012, 0.3573

Protanomaly

69.1125, 0.3209, 0.3540

Deuteranomaly

68.3327, 0.3247, 0.3413

Tritanomaly

69.2880, 0.2898, 0.3266

Monochromacy



Original Color

69.2218, 0.3012, 0.3573

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.8763, 0.3086, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2218, 0.3012, 0.3573 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(187, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 226, 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(187, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 226, 202) }
```

Border

The CSS property to change the border of an element to Yxy 69.2218, 0.3012, 0.3573 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(187, 226, 202) }
```

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

```
.border{ border-color:rgb(187, 226, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 226, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 226, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 226, 202);  
box-shadow:4px 4px 4px 4px rgb(187, 226,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2218, 0.3012, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 226, 202) }
```

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

```
.background{ background-color: rgb(187,  
226, 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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