

Converting Colors

Yxy(69.4099, 0.2951, 0.3419)

Have a look what the booklet for
Yxy(69.4099, 0.2951, 0.3419)
contains.

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Color

Yxy(69.5243, 0.2952, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	BDE1D6
RGB	189, 225, 214
RGB Percent	74%, 88%, 84%
CMY	0.2585, 0.1177, 0.1607
CMYK	0.16, 0.00, 0.05, 0.12
HSL	162°, 37%, 81%
HSV	162°, 16%, 88%
XYZ	60.0631, 69.5243, 73.8785
YIQ	212.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

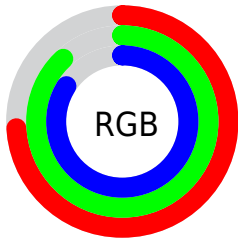
Format	Color
R_{YB}	189, 210, 225
Decimal	12444118
CIE _{Lab}	86.76, -13.88, 1.43
CIE _{LCh}	87, 13.949, 174.105
Y _{xy}	69.5243, 0.2952, 0.3417
Android (android.graphics.Color)	4290634198 (0xFFBDE1D6)
YUV	212.9820, 0.5019, -21.0322
Hunter-Lab	83.3812, -17.3358, 5.8340

Details

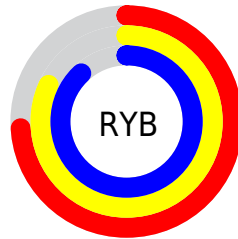
The Yxy color **69.5243, 0.2952, 0.3417** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6045, 0.3339, 0.3167**, and the grayscale version is **66.5426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **36.4036, 0.2910, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **66.5242, 0.2849, 0.3507**, and if you desaturate by 10%, it is **72.9914, 0.3061, 0.3335**.

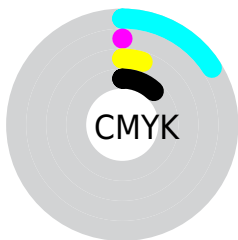
Distribution



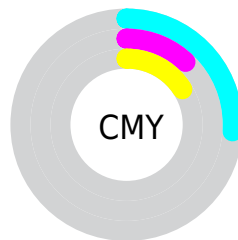
- Red (74%)
- Green (88%)
- Blue (84%)



- Red (74%)
- Yellow (82%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)





- Cyan (26%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5243, 0.2952, 0.3417 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 69.5243, 0.2952, 0.3417 by changing the saturation by 10% instead.


 69.5243, 0.2952,
0.3417

 69.5243, 0.2952,
0.3417


458.8780, 0.3034,
0.3357

 51.1388, 0.2933,
0.3431


 118.5301, 0.2981,
0.3396

 36.3191, 0.2910,
0.3448


149.9193, 0.2992,
0.3388

 24.6807, 0.2880,
0.3470


186.4117, 0.3001,
0.3381

 15.8394, 0.2840,
0.3499

228.3919, 0.3009,
0.3375

 9.4105, 0.2785,
0.3540

276.2443, 0.3017,
0.3370

 5.0099, 0.2705,
0.3600

330.3531, 0.3023,

 2.2531, 0.2576,

0.3365

0.3697

391.1029, 0.3029,
0.3361

0.7487, 0.2030,
0.4076

0.0000, 0.0000,
0.0000

69.5243, 0.2952,
0.3417

69.5243, 0.2952,
0.3417

66.5242, 0.2849,
0.3507

72.9914, 0.3061,
0.3335

63.9618, 0.2756,
0.3605


76.9361, 0.3173,
0.3261


61.8176, 0.2674,
0.3710

81.0808, 0.3275,
0.3195


60.0673, 0.2607,
0.3820


81.4852, 0.3229,
0.3128


 58.6840, 0.2558,
0.3935


 81.9051, 0.3184,
0.3062

 57.6376, 0.2528,
0.4052

 82.3235, 0.3141,
0.2999

 56.8926, 0.2519,
0.4169

 56.4054, 0.2529,
0.4285

 56.2514, 0.2537,
0.4331

Harmonies

Analogous

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



69.5243, 0.3114, 0.3540



69.5243, 0.2952, 0.3417



69.5243, 0.2838, 0.3259

Triad

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



69.5243, 0.2952, 0.3417



69.5243, 0.2967, 0.3004



69.5243, 0.3465, 0.3451

Complementary

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



69.5243, 0.2952, 0.3417



56.6045, 0.3339, 0.3167

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.



69.5243, 0.3424, 0.3309



69.5243, 0.2952, 0.3417



69.5243, 0.3133, 0.3056

Square

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



69.5243, 0.2952, 0.3417



69.5243, 0.2847, 0.3024



69.5243, 0.3301, 0.3166



69.5243, 0.3413, 0.3556

Rectangle

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



69.5243, 0.2952, 0.3417



69.5243, 0.2804, 0.3159



69.5243, 0.3301, 0.3166



69.5243, 0.3462, 0.3406

Sweetspot

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



69.5272, 0.2952, 0.3417



97.4131, 0.3071, 0.3328



69.8616, 0.3187, 0.3708



20.7754, 0.3063, 0.3333



0.0000, 0.0000, 0.0000



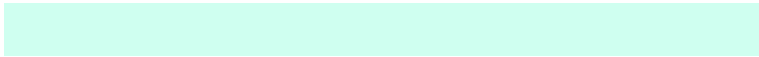
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5272, 0.2952, 0.3417



91.0234, 0.2919, 0.3445



66.6157, 0.2883, 0.3213



15.4973, 0.3022, 0.3363



32.4406, 0.2532, 0.4313



2.2643, 0.2482, 0.4136

Inverse Universe

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



56.6045, 0.3339, 0.3167



70.9074, 0.3390, 0.3141



59.0082, 0.3417, 0.3366



13.7692, 0.3244, 0.3219



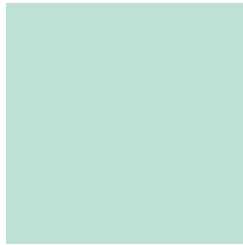
9.4885, 0.5734, 0.2932



0.6733, 0.5293, 0.2690

Previews

White Background



This preview shows how the Yxy color 69.5243, 0.2952, 0.3417 looks on a white background.

Color Contrast Check

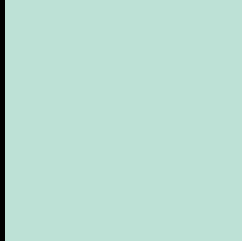
Large Text (above 18pt) WCAG AA × Fail

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 69.5243, 0.2952, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

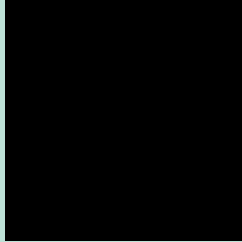
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

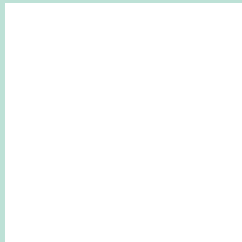
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5243, 0.2952, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 69.5243, 0.2952, 0.3417.

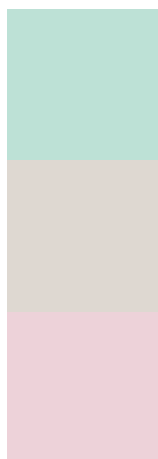


This preview shows how white text looks on a background with the Yxy color 69.5243, 0.2952, 0.3417.

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

69.5243, 0.2952, 0.3417

Protanopia

69.2448, 0.3219, 0.3367

Deuteranopia

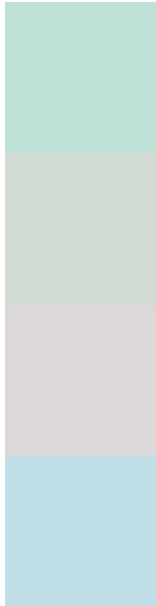
69.1075, 0.3281, 0.3216



Tritanopia

69.4142, 0.2833, 0.3088

Trichromacy



Original Color

69.5243, 0.2952, 0.3417

Protanomaly

69.0678, 0.3116, 0.3380

Deuteranomaly

68.7744, 0.3157, 0.3279

Tritanomaly

69.1622, 0.2874, 0.3198

Monochromacy



Original Color

69.5243, 0.2952, 0.3417

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.2672, 0.3061, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5243, 0.2952, 0.3417 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, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(189, 225, 214)  
}
```

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, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 225, 214) }
```

Border

The CSS property to change the border of an element to Yxy 69.5243, 0.2952, 0.3417 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, 225, 214) }
```

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

```
.border{ border-color:rgb(189, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(189, 225,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5243, 0.2952, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 225, 214) }
```

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

```
.background{ background-color: rgb(189,  
225, 214) }
```

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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