

Converting Colors

$Yxy(69.5600, 0.2954, 0.3442)$

Have a look what the booklet for
Yxy(69.5600, 0.2954, 0.3442)
contains.

Yxy(69.2953, 0.2957, 0.3441)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.2953, 0.2957, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	BCE1D4
RGB	188, 225, 212
RGB Percent	74%, 88%, 83%
CMY	0.2628, 0.1176, 0.1685
CMYK	0.16, 0.00, 0.06, 0.12
HSL	159°, 38%, 81%
HSV	159°, 16%, 88%
XYZ	59.5484, 69.2953, 72.5375
YIQ	212.4550, -17.8790, -11.8870

Conversions

Conversions Part 2

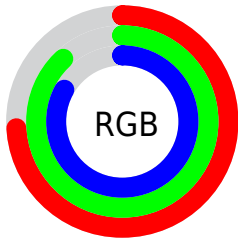
Format	Color
RYB	188, 210, 225
Decimal	12378580
CIELab	86.65, -14.62, 2.31
CIELCh	87, 14.799, 171.028
Yxy	69.2953, 0.2957, 0.3441
Android (android.graphics.Color)	4290568660 (0xFFBCE1D4)
YUV	212.4550, -0.2243, -21.4470
Hunter-Lab	83.2438, -17.9867, 6.6061

Details

The Yxy color **69.2953, 0.2957, 0.3441** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1879, 0.3334, 0.3144**, and the grayscale version is **66.1689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **36.2521, 0.2917, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **66.2712, 0.2860, 0.3546**, and if you desaturate by 10%, it is **72.7901, 0.3059, 0.3346**.

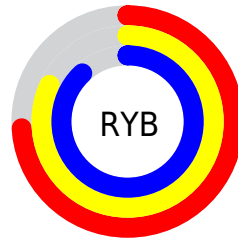
Distribution



Red (74%)

Green (88%)

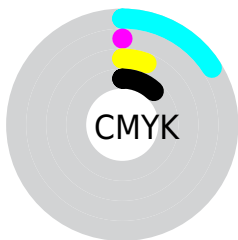
Blue (83%)



Red (74%)

Yellow (82%)

Blue (88%)

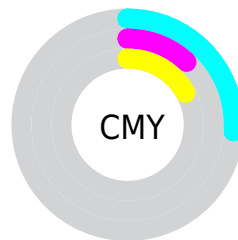


Cyan (16%)

Magenta (0%)

Yellow (6%)

Black (12%)



Cyan (26%)


Magenta (12%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2953, 0.2957, 0.3441 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 69.2953, 0.2957, 0.3441 by changing the saturation by 10% instead.


 69.2953, 0.2957,
0.3441

 69.2953, 0.2957,
0.3441

458.0718, 0.3037,
0.3370

 50.9522, 0.2939,
0.3458

 118.2033, 0.2985,
0.3416

 36.1706, 0.2916,
0.3478

149.5369, 0.2996,
0.3406

 24.5660, 0.2886,
0.3505


185.9696, 0.3005,
0.3398

 15.7540, 0.2847,
0.3540

227.8857, 0.3013,
0.3391

 9.3502, 0.2794,
0.3589

275.6695, 0.3020,
0.3385

 4.9703, 0.2715,
0.3662

329.7056, 0.3026,

 2.2299, 0.2587,

0.3379

0.3782

390.3782, 0.3032,
0.3374

0.7362, 0.1994,
0.4282

0.0000, 0.0000,
0.0000

69.2953, 0.2957,
0.3441

69.2953, 0.2957,
0.3441

66.2712, 0.2860,
0.3546

72.7901, 0.3059,
0.3346

63.6883, 0.2772,
0.3659


76.7665, 0.3165,
0.3261


61.5271, 0.2695,
0.3781


81.1518, 0.3268,
0.3185


59.7630, 0.2633,
0.3910


81.6201, 0.3215,
0.3108


 58.3689, 0.2589,
0.4044


 82.1088, 0.3163,
0.3032

 57.3141, 0.2564,
0.4180

 82.3331, 0.3141,
0.2999

 56.5631, 0.2559,
0.4316

 56.0707, 0.2575,
0.4450

 55.9308, 0.2582,
0.4497

Harmonies

Analogous

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



69.2953, 0.3132, 0.3566



69.2953, 0.2957, 0.3441



69.2953, 0.2830, 0.3274

Triad

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



69.2953, 0.2957, 0.3441



69.2953, 0.2941, 0.2986



69.2953, 0.3487, 0.3446

Complementary

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



69.2953, 0.2957, 0.3441



56.1879, 0.3334, 0.3144

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.



69.2953, 0.3433, 0.3294



69.2953, 0.2957, 0.3441



69.2953, 0.3114, 0.3034

Square

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



69.2953, 0.2957, 0.3441



69.2953, 0.2821, 0.3015



69.2953, 0.3295, 0.3145



69.2953, 0.3440, 0.3564

Rectangle

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



69.2953, 0.2957, 0.3441



69.2953, 0.2787, 0.3166



69.2953, 0.3295, 0.3145



69.2953, 0.3480, 0.3397

Sweetspot

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



69.2982, 0.2957, 0.3441



97.3768, 0.3074, 0.3333



69.9795, 0.3202, 0.3720



20.7666, 0.3067, 0.3340



0.0000, 0.0000, 0.0000



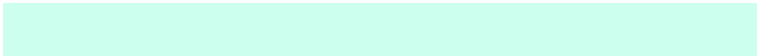
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2982, 0.2957, 0.3441



90.4782, 0.2920, 0.3478



67.3502, 0.2877, 0.3232



15.4864, 0.3028, 0.3374



32.2512, 0.2577, 0.4476



2.2522, 0.2520, 0.4271

Inverse Universe

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



56.1879, 0.3334, 0.3144



69.7138, 0.3390, 0.3109



57.7471, 0.3430, 0.3347



13.7795, 0.3237, 0.3208



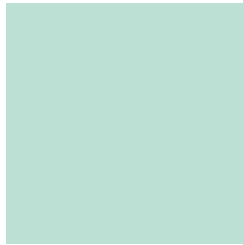
9.5690, 0.5565, 0.2839



0.6798, 0.5136, 0.2603

Previews

White Background



This preview shows how the Yxy color 69.2953, 0.2957, 0.3441 looks on a white background.

Color Contrast Check

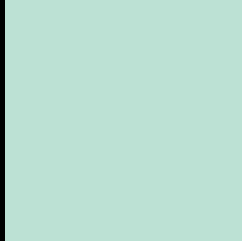
Large Text (above 18pt) WCAG AA × Fail

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 69.2953, 0.2957, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

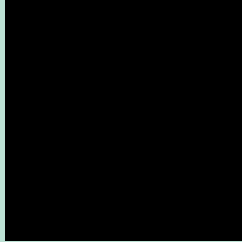
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

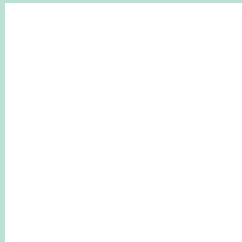
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2953, 0.2957, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 69.2953, 0.2957, 0.3441.



This preview shows how white text looks on a background with the Yxy color 69.2953, 0.2957, 0.3441.

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

69.2824, 0.2827, 0.3087

Trichromacy



Original Color

69.2953, 0.2957, 0.3441

Protanomaly

68.9681, 0.3129, 0.3403

Deuteranomaly

68.6716, 0.3170, 0.3301

Tritanomaly

68.9761, 0.2873, 0.3209

Monochromacy



Original Color

69.2953, 0.2957, 0.3441

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.0757, 0.3060, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2953, 0.2957, 0.3441 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(188, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 225, 212)  
}
```

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(188, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 225, 212) }
```

Border

The CSS property to change the border of an element to Yxy 69.2953, 0.2957, 0.3441 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(188, 225, 212) }
```

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

```
.border{ border-color:rgb(188, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 225,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2953, 0.2957, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 225, 212) }
```

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

```
.background{ background-color: rgb(188,  
225, 212) }
```

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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