

Converting Colors

$Yxy(67.6430, 0.2954, 0.3447)$

Have a look what the booklet for
Yxy(67.6430, 0.2954, 0.3447)
contains.

Yxy(67.6931, 0.2955, 0.3455)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.6931, 0.2955, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	B9DFD1
RGB	185, 223, 209
RGB Percent	73%, 87%, 82%
CMY	0.2747, 0.1254, 0.1804
CMYK	0.17, 0.00, 0.06, 0.13
HSL	158°, 37%, 80%
HSV	158°, 17%, 87%
XYZ	57.8967, 67.6931, 70.3381
YIQ	210.0420, -18.1540, -12.4100

Conversions

Conversions Part 2

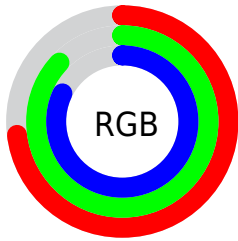
Format	Color
R _{YB}	185, 208, 223
Decimal	12181457
CIE Lab	85.85, -15.17, 2.72
CIE LCh	86, 15.415, 169.849
Yxy	67.6931, 0.2955, 0.3455
Android (android.graphics.Color)	4290371537 (0xFFB9DFD1)
YUV	210.0420, -0.5137, -21.9618
Hunter-Lab	82.2758, -18.3739, 6.9057

Details

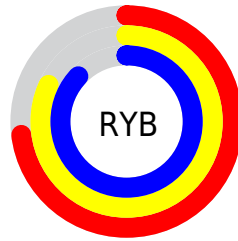
The Yxy color **67.6931, 0.2955, 0.3455** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4936, 0.3337, 0.3131**, and the grayscale version is **64.4873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **35.1971, 0.2906, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **64.7408, 0.2861, 0.3566**, and if you desaturate by 10%, it is **71.1070, 0.3055, 0.3355**.

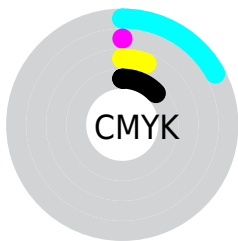
Distribution



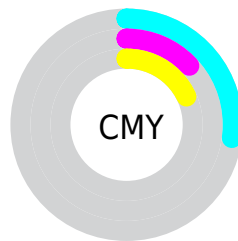
- Red (73%)
- Green (87%)
- Blue (82%)



- Red (73%)
- Yellow (82%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6931, 0.2955, 0.3455 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 67.6931, 0.2955, 0.3455 by changing the saturation by 10% instead.


 67.6931, 0.2955,
0.3455

 67.6931, 0.2955,
0.3455

452.4079, 0.3036,
0.3377

 49.6481, 0.2936,
0.3473


 115.9130, 0.2983,
0.3427

 35.1339, 0.2913,
0.3496


146.8567, 0.2994,
0.3417

 23.7660, 0.2882,
0.3526


182.8687, 0.3004,
0.3408

 15.1601, 0.2842,
0.3565

224.3335, 0.3012,
0.3400

 8.9319, 0.2787,
0.3620

271.6354, 0.3019,
0.3393

 4.6968, 0.2704,
0.3703

325.1588, 0.3025,

 2.0705, 0.2569,

0.3387

385.2882, 0.3031,
0.3382

0.3840

0.6479, 0.1742,
0.4599

0.0000, 0.0000,
0.0000

67.6931, 0.2955,
0.3455

67.6931, 0.2955,
0.3455

64.7408, 0.2861,
0.3566

71.1070, 0.3055,
0.3355

62.2212, 0.2775,
0.3686

74.9932, 0.3157,
0.3265


60.1148, 0.2701,
0.3815


79.3726, 0.3261,
0.3184


58.3975, 0.2641,
0.3951


80.4445, 0.3228,
0.3105


 57.0426, 0.2599,
0.4092


 80.9486, 0.3174,
0.3026

 56.0198, 0.2577,
0.4235

 81.2629, 0.3142,
0.2980

 55.2937, 0.2575,
0.4379

 54.8182, 0.2593,
0.4519

 54.7034, 0.2600,
0.4560

Harmonies

Analogous

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



67.6931, 0.3139, 0.3584



67.6931, 0.2955, 0.3455



67.6931, 0.2819, 0.3280

Triad

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



67.6931, 0.2955, 0.3455



67.6931, 0.2926, 0.2971



67.6931, 0.3505, 0.3448

Complementary

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



67.6931, 0.2955, 0.3455



54.4936, 0.3337, 0.3131

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.



67.6931, 0.3444, 0.3287



67.6931, 0.2955, 0.3455



67.6931, 0.3106, 0.3018

Square

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



67.6931, 0.2955, 0.3455



67.6931, 0.2802, 0.3004



67.6931, 0.3297, 0.3132



67.6931, 0.3460, 0.3573

Rectangle

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



67.6931, 0.2955, 0.3455



67.6931, 0.2772, 0.3166



67.6931, 0.3297, 0.3132



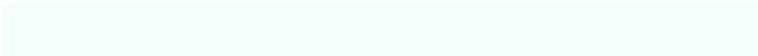
67.6931, 0.3496, 0.3396

Sweetspot

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



67.6959, 0.2955, 0.3455



97.3629, 0.3075, 0.3336



68.5012, 0.3209, 0.3736



20.7632, 0.3068, 0.3342



0.0000, 0.0000, 0.0000



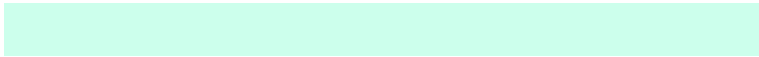
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6959, 0.2955, 0.3455



90.4266, 0.2925, 0.3488



66.0791, 0.2868, 0.3237



15.4823, 0.3031, 0.3378



32.1826, 0.2594, 0.4539



2.2478, 0.2534, 0.4323

Inverse Universe

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



54.4936, 0.3337, 0.3131



69.7613, 0.3383, 0.3101



55.7587, 0.3445, 0.3342



13.7836, 0.3235, 0.3204



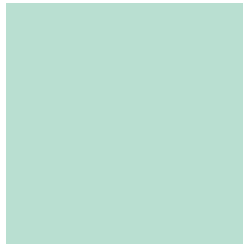
9.6033, 0.5497, 0.2802



0.6825, 0.5075, 0.2569

Previews

White Background



This preview shows how the Yxy color 67.6931, 0.2955, 0.3455 looks on a white background.

Color Contrast Check

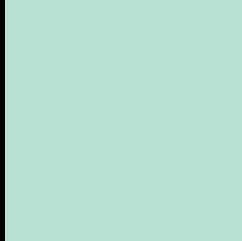
Large Text (above 18pt) WCAG AA × Fail

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 67.6931, 0.2955, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

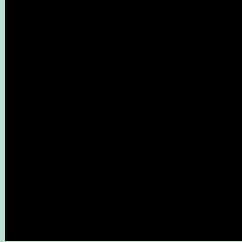
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

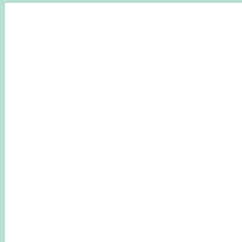
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6931, 0.2955, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 67.6931, 0.2955, 0.3455.

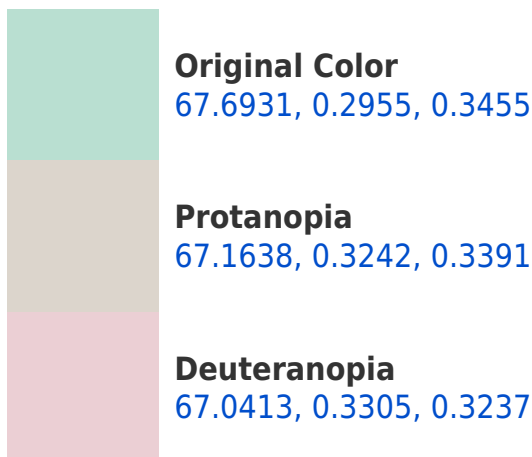


This preview shows how white text looks on a background with the Yxy color 67.6931, 0.2955, 0.3455.

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

67.6663, 0.2824, 0.3096

Trichromacy



Original Color

67.6931, 0.2955, 0.3455

Protanomaly

67.3473, 0.3128, 0.3416

Deuteranomaly

67.0434, 0.3170, 0.3312

Tritanomaly

67.3688, 0.2871, 0.3220

Monochromacy



Original Color

67.6931, 0.2955, 0.3455

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.6715, 0.3060, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6931, 0.2955, 0.3455 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, 223, 209)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 209)  
}
```

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, 223, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 209) }
```

Border

The CSS property to change the border of an element to Yxy 67.6931, 0.2955, 0.3455 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, 223, 209) }
```

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

```
.border{ border-color:rgb(185, 223, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 223, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 223, 209); box-shadow:4px 4px 4px 4px rgb(185, 223, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6931, 0.2955, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 209) }
```

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

```
.background{ background-color: rgb(185,  
223, 209) }
```

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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