

Converting Colors

$Yxy(69.3041, 0.2852, 0.3253)$

Have a look what the booklet for
Yxy(69.3041, 0.2852, 0.3253)
contains.

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Color

Yxy(69.2965, 0.2854, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	BAE0E3
RGB	186, 224, 227
RGB Percent	73%, 88%, 89%
CMY	0.2708, 0.1215, 0.1099
CMYK	0.18, 0.01, 0.00, 0.11
HSL	184°, 42%, 81%
HSV	184°, 18%, 89%
XYZ	60.7595, 69.2965, 82.8365
YIQ	212.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

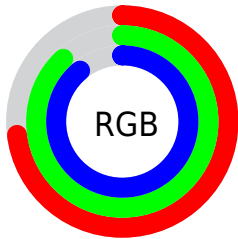
Format	Color
R _Y B	186, 206, 227
Decimal	12247267
CIE Lab	86.65, -11.74, -5.59
CIE LCh	87, 13.005, 205.482
Yxy	69.2965, 0.2854, 0.3255
Android (android.graphics.Color)	4290437347 (0xFFBAE0E3)
YUV	212.9800, 6.9119, -23.6615
Hunter-Lab	83.2445, -15.3922, -0.7282

Details

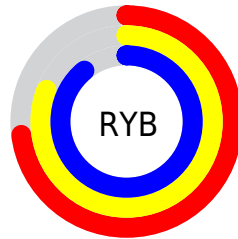
The Yxy color **69.2965, 0.2854, 0.3255** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2325, 0.3471, 0.3325**, and the grayscale version is **66.4856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **36.2600, 0.2786, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **65.8008, 0.2715, 0.3234**, and if you desaturate by 10%, it is **73.2579, 0.3003, 0.3275**.

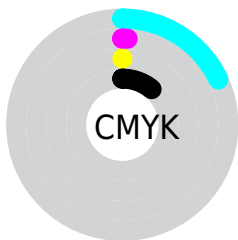
Distribution



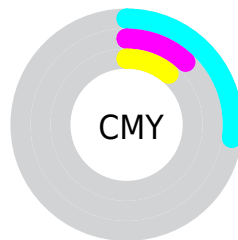
- Red (73%)
- Green (88%)
- Blue (89%)



- Red (73%)
- Yellow (81%)
- Blue (89%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2965, 0.2854, 0.3255 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 69.2965, 0.2854, 0.3255 by changing the saturation by 10% instead.

69.2965, 0.2854,
0.3255

69.2965, 0.2854,
0.3255

458.0760, 0.2981,
0.3273

50.9532, 0.2825,
0.3251

118.2050, 0.2898,
0.3261

36.1714, 0.2789,
0.3245

149.5389, 0.2915,
0.3264

24.5666, 0.2744,
0.3237

185.9719, 0.2930,
0.3266

15.7544, 0.2684,
0.3227

227.8883, 0.2943,
0.3268

9.3506, 0.2603,
0.3212

275.6726, 0.2954,
0.3269

4.9705, 0.2486,
0.3188

329.7090, 0.2964,

2.2300, 0.2303,

0.3271

0.3146

390.3820, 0.2973,
0.3272

0.7363, 0.1750,
0.3119

0.0000, 0.0000,
0.0000

69.2965, 0.2854,
0.3255

69.2965, 0.2854,
0.3255

65.8008, 0.2715,
0.3234

73.2579, 0.3003,
0.3275

62.7410, 0.2587,
0.3211

77.6965, 0.3157,
0.3293

60.0970, 0.2475,
0.3187

82.6337, 0.3315,
0.3310

57.8436, 0.2380,
0.3162

83.7272, 0.3320,
0.3326

■ 55.9528, 0.2303,
0.3138

■ 84.6489, 0.3318,
0.3343

■ 54.3930, 0.2246,
0.3113

■ 85.5792, 0.3316,
0.3359

■ 53.1267, 0.2208,
0.3088

■ 86.5182, 0.3314,
0.3375

■ 52.1013, 0.2187,
0.3064

■ 87.4658, 0.3312,
0.3391

■ 51.9167, 0.2183,
0.3059

■ 88.4222, 0.3310,
0.3407

Harmonies

Analogous

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



69.2965, 0.2958, 0.3402



69.2965, 0.2854, 0.3255



69.2965, 0.2822, 0.3122

Triad

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



69.2965, 0.2854, 0.3255



69.2965, 0.3140, 0.3075



69.2965, 0.3389, 0.3541

Complementary

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



69.2965, 0.2854, 0.3255



56.2325, 0.3471, 0.3325

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.



69.2965, 0.3442, 0.3446



69.2965, 0.2854, 0.3255



69.2965, 0.3296, 0.3180

Square

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



69.2965, 0.2854, 0.3255



69.2965, 0.2984, 0.3024



69.2965, 0.3408, 0.3315



69.2965, 0.3266, 0.3570

Rectangle

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



69.2965, 0.2854, 0.3255



69.2965, 0.2845, 0.3060



69.2965, 0.3408, 0.3315



69.2965, 0.3416, 0.3516

Sweetspot

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



69.2994, 0.2854, 0.3255



97.0742, 0.3049, 0.3281



69.0249, 0.3087, 0.3748



20.6926, 0.3038, 0.3279



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.



69.2994, 0.2854, 0.3255



88.3056, 0.2796, 0.3246



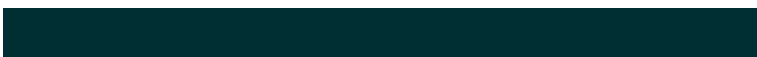
59.0371, 0.2841, 0.3015



16.1484, 0.2982, 0.3272



30.3556, 0.2184, 0.3063



2.2969, 0.2194, 0.3098

Inverse Universe

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



56.8084, 0.3171, 0.2874



69.0221, 0.3182, 0.2778



65.5734, 0.3432, 0.3550



14.5963, 0.3149, 0.3075



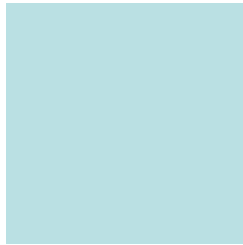
12.2621, 0.3399, 0.1646



0.9115, 0.3368, 0.1629

Previews

White Background



This preview shows how the Yxy color 69.2965, 0.2854, 0.3255 looks on a white background.

Color Contrast Check

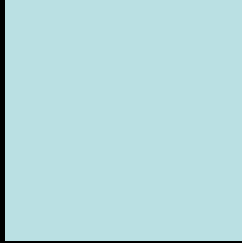
Large Text (above 18pt) WCAG AA × Fail

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 69.2965, 0.2854, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

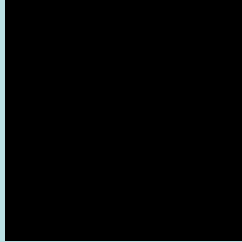
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

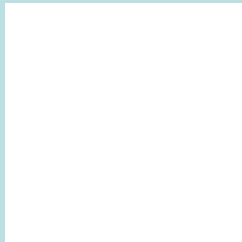
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2965, 0.2854, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 69.2965, 0.2854, 0.3255.

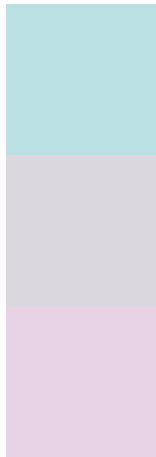


This preview shows how white text looks on a background with the Yxy color 69.2965, 0.2854, 0.3255.

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

69.2965, 0.2854, 0.3255

Protanopia

68.9349, 0.3109, 0.3213

Deuteranopia

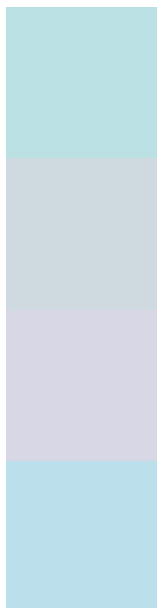
68.7953, 0.3144, 0.3078



Tritanopia

69.2252, 0.2790, 0.3086

Trichromacy



Original Color

69.2965, 0.2854, 0.3255

Protanomaly

68.7900, 0.3010, 0.3223

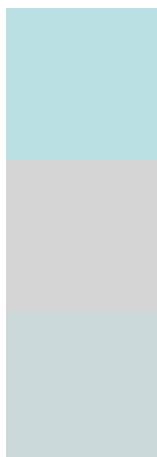
Deuteranomaly

68.7051, 0.3034, 0.3136

Tritanomaly

69.3383, 0.2813, 0.3153

Monochromacy



Original Color

69.2965, 0.2854, 0.3255

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.3842, 0.3021, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2965, 0.2854, 0.3255 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(186, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(186, 224, 227)  
}
```

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(186, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 224, 227) }
```

Border

The CSS property to change the border of an element to Yxy 69.2965, 0.2854, 0.3255 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(186, 224, 227) }
```

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

```
.border{ border-color:rgb(186, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(186, 224,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2965, 0.2854, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 224, 227) }
```

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

```
.background{ background-color: rgb(186,  
224, 227) }
```

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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