

Converting Colors

$Yxy(69.6044, 0.2825, 0.3197)$

Have a look what the booklet for
Yxy(69.6044, 0.2825, 0.3197)
contains.

Yxy(69.5766, 0.2825, 0.3198)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.5766, 0.2825, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	BAE0E8
RGB	186, 224, 232
RGB Percent	73%, 88%, 91%
CMY	0.2708, 0.1215, 0.0902
CMYK	0.20, 0.03, 0.00, 0.09
HSL	190°, 50%, 82%
HSV	190°, 20%, 91%
XYZ	61.4615, 69.5766, 86.5247
YIQ	213.5500, -25.2160, -5.5680

Conversions

Conversions Part 2

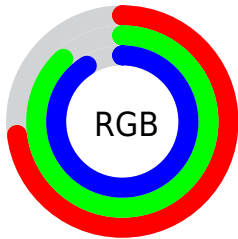
Format	Color
R _Y B	186, 207, 232
Decimal	12247272
CIE Lab	86.79, -10.68, -8.03
CIE LCh	87, 13.362, 216.923
Yxy	69.5766, 0.2825, 0.3198
Android (android.graphics.Color)	4290437352 (0xFFBAE0E8)
YUV	213.5500, 9.0958, -24.1614
Hunter-Lab	83.4126, -14.4466, -3.1133

Details

The Yxy color **69.5766, 0.2825, 0.3198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.2504, 0.3503, 0.3380**, and the grayscale version is **66.8740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **36.4161, 0.2757, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **64.7720, 0.2681, 0.3146**, and if you desaturate by 10%, it is **74.9096, 0.2975, 0.3246**.

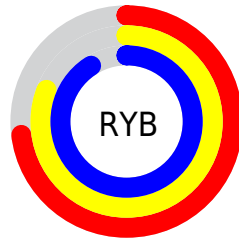
Distribution



Red (73%)

Green (88%)

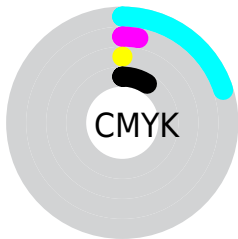
Blue (91%)



Red (73%)

Yellow (81%)

Blue (91%)

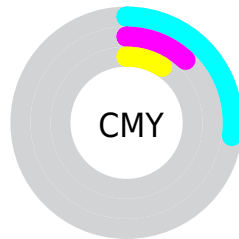


Cyan (20%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5766, 0.2825, 0.3198 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 69.5766, 0.2825, 0.3198 by changing the saturation by 10% instead.

■ 69.5766, 0.2825,
0.3198

■ 69.5766, 0.2825,
0.3198

■ 459.0620, 0.2965,
0.3243

■ 51.1814, 0.2793,
0.3187

■ 118.6048, 0.2873,
0.3214

■ 36.3530, 0.2754,
0.3174

■ 150.0065, 0.2892,
0.3220

■ 24.7070, 0.2704,
0.3156

■ 186.5127, 0.2908,
0.3225

■ 15.8589, 0.2639,
0.3133

■ 228.5075, 0.2923,
0.3230

■ 9.4243, 0.2551,
0.3100

■ 276.3754, 0.2935,
0.3233

■ 5.0190, 0.2424,
0.3050

■ 330.5009, 0.2946,

■ 2.2584, 0.2226,

0.3237

0.2965

391.2683, 0.2956,
0.3240

0.7516, 0.1713,
0.2839

0.0000, 0.0000,
0.0000

69.5766, 0.2825,
0.3198

69.5766, 0.2825,
0.3198

64.7720, 0.2681,
0.3146

74.9096, 0.2975,
0.3246

60.4643, 0.2548,
0.3090

80.7839, 0.3130,
0.3291

56.6311, 0.2427,
0.3031

87.1172, 0.3281,
0.3331

53.2453, 0.2322,
0.2970

89.4581, 0.3277,
0.3370

■ 50.2764, 0.2236,
0.2907

■ 91.8514, 0.3273,
0.3409

■ 47.6897, 0.2168,
0.2844

■ 94.2975, 0.3269,
0.3447

■ 45.4441, 0.2121,
0.2782

■ 96.7966, 0.3265,
0.3486

■ 43.4703, 0.2089,
0.2720

■ 98.6056, 0.3262,
0.3513

■ 43.4400, 0.2089,
0.2719

Harmonies

Analogous

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



69.5766, 0.2905, 0.3348



69.5766, 0.2825, 0.3198



69.5766, 0.2823, 0.3078

Triad

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



69.5766, 0.2825, 0.3198



69.5766, 0.3204, 0.3106



69.5766, 0.3355, 0.3568

Complementary

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



69.5766, 0.2825, 0.3198



59.2504, 0.3503, 0.3380

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.



69.5766, 0.3440, 0.3494



69.5766, 0.2825, 0.3198



69.5766, 0.3352, 0.3228

Square

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



69.5766, 0.2825, 0.3198



69.5766, 0.3039, 0.3029



69.5766, 0.3439, 0.3369



69.5766, 0.3210, 0.3567

Rectangle

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



69.5766, 0.2825, 0.3198



69.5766, 0.2867, 0.3031



69.5766, 0.3439, 0.3369



69.5766, 0.3392, 0.3551

Sweetspot

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



69.5794, 0.2825, 0.3198



95.5336, 0.3034, 0.3264



72.0193, 0.3055, 0.3743



20.3473, 0.3024, 0.3261



0.0000, 0.0000, 0.0000



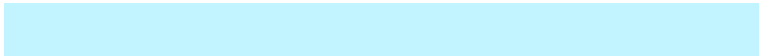
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5794, 0.2825, 0.3198



83.6051, 0.2762, 0.3176



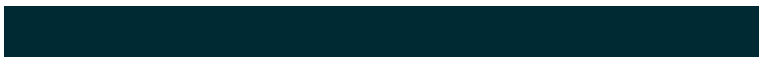
58.1738, 0.2808, 0.2930



15.8892, 0.2981, 0.3248



24.2835, 0.2091, 0.2729



1.9068, 0.2117, 0.2820

Inverse Universe

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



57.6370, 0.3211, 0.2879



66.3106, 0.3232, 0.2788



70.1405, 0.3456, 0.3626



14.5701, 0.3164, 0.3098



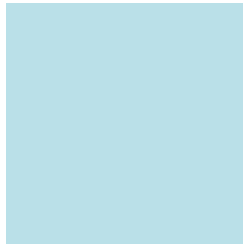
11.6492, 0.3701, 0.1812



0.8722, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 69.5766, 0.2825, 0.3198 looks on a white background.

Color Contrast Check

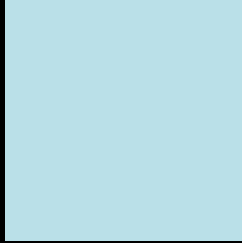
Large Text (above 18pt) WCAG AA × Fail

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 69.5766, 0.2825, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

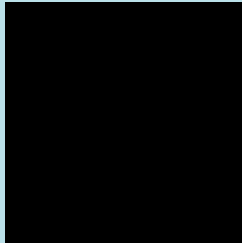
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

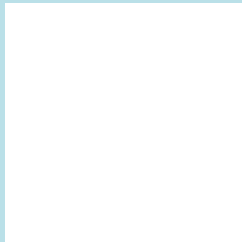
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5766, 0.2825, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 69.5766, 0.2825, 0.3198.

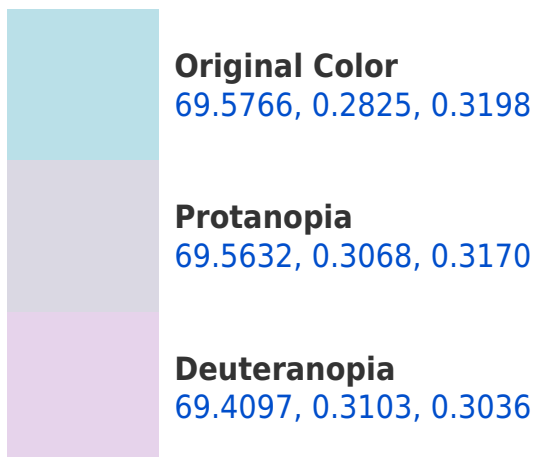


This preview shows how white text looks on a background with the Yxy color 69.5766, 0.2825, 0.3198.

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

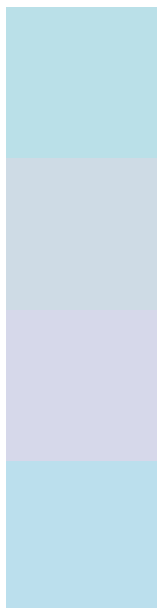




Tritanopia

69.7580, 0.2791, 0.3098

Trichromacy



Original Color

69.5766, 0.2825, 0.3198

Protanomaly

69.4420, 0.2972, 0.3178

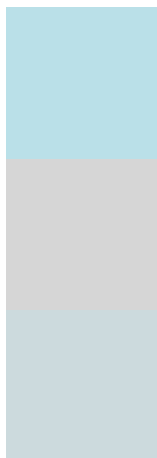
Deuteranomaly

69.3484, 0.2995, 0.3093

Tritanomaly

69.4546, 0.2802, 0.3130

Monochromacy



Original Color

69.5766, 0.2825, 0.3198

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.2006, 0.3009, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5766, 0.2825, 0.3198 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(186, 224, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 224, 232) }
```

Border

The CSS property to change the border of an element to Yxy 69.5766, 0.2825, 0.3198 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, 232) }
```

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

```
.border{ border-color:rgb(186, 224, 232) }
```

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, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 224, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 224, 232);  
box-shadow:4px 4px 4px 4px rgb(186, 224,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5766, 0.2825, 0.3198 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, 232) }
```

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

```
.background{ background-color: rgb(186,  
224, 232) }
```

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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