

Converting Colors

$Yxy(69.8828, 0.2793, 0.3288)$

Have a look what the booklet for
Yxy(69.8828, 0.2793, 0.3288)
contains.

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Color

Yxy(69.7143, 0.2795, 0.3289)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | <code>B0E3E3</code> |
| RGB | <code>176, 227, 227</code> |
| RGB Percent | <code>69%, 89%, 89%</code> |
| CMY | <code>0.3097, 0.1098, 0.1098</code> |
| CMYK | <code>0.22, 0.00, 0.00, 0.11</code> |
| HSL | <code>180°, 48%, 79%</code> |
| HSV | <code>180°, 22%, 89%</code> |
| XYZ | <code>59.2434, 69.7143, 83.0043</code> |
| YIQ | <code>211.7510, -30.3960, -10.8120</code> |

Conversions

Conversions Part 2

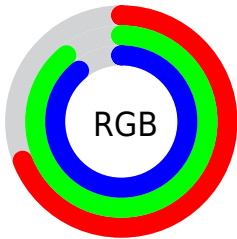
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 176, 202, 227 |
| Decimal | 11592675 |
| CIELab | 86.86, -16.24, -5.36 |
| CIElCh | 87, 17.102, 198.276 |
| Yxy | 69.7143, 0.2795, 0.3289 |
| Android (android.graphics.Color) | 4289782755 (0xFFB0E3E3) |
| YUV | 211.7510, 7.5178, -31.3536 |
| Hunter-Lab | 83.4951, -19.4629, -0.4949 |

Details

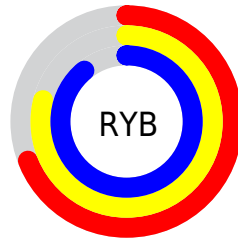
The Yxy color **69.7143, 0.2795, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.5300, 0.3586, 0.3291**, and the grayscale version is **65.6340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **36.6212, 0.2714, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **67.2880, 0.2665, 0.3289**, and if you desaturate by 10%, it is **72.5888, 0.2937, 0.3289**.

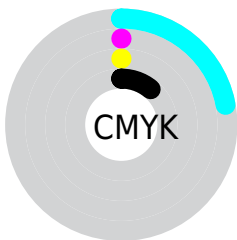
Distribution



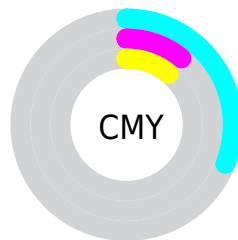
- Red (69%)
- Green (89%)
- Blue (89%)



- Red (69%)
- Yellow (79%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7143, 0.2795, 0.3289 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 69.7143, 0.2795, 0.3289 by changing the saturation by 10% instead.

69.7143, 0.2795,
0.3289

69.7143, 0.2795,
0.3289

459.5462, 0.2949,
0.3291

51.2937, 0.2760,
0.3288

118.8012, 0.2848,
0.3290

36.4424, 0.2717,
0.3287

150.2363, 0.2869,
0.3291

24.7760, 0.2662,
0.3284

186.7783, 0.2887,
0.3291

15.9103, 0.2590,
0.3281

228.8117, 0.2902,
0.3291

9.4607, 0.2493,
0.3274

276.7207, 0.2916,
0.3291

5.0429, 0.2353,
0.3263

330.8899, 0.2928,

2.2724, 0.2136,

0.3291

391.7036, 0.2939,
0.3291

0.3239

0.7591, 0.1410,
0.3292

0.0000, 0.0000,
0.0000

69.7143, 0.2795,
0.3289

69.7143, 0.2795,
0.3289

67.2880, 0.2665,
0.3289

72.5888, 0.2937,
0.3289

65.2793, 0.2551,
0.3288

75.9233, 0.3089,
0.3290

63.6672, 0.2454,
0.3288

79.7400, 0.3247,
0.3290

62.4254, 0.2375,
0.3288

81.7432, 0.3324,
0.3291

■ 61.5247, 0.2317,
0.3288

■ 81.7432, 0.3324,
0.3291

■ 60.9310, 0.2277,
0.3288

■ 81.7432, 0.3324,
0.3291

■ 60.6036, 0.2255,
0.3287

■ 81.7433, 0.3324,
0.3291

■ 60.4832, 0.2247,
0.3287

■ 81.7433, 0.3324,
0.3291

■ 81.7433, 0.3324,
0.3291

Harmonies

Analogous

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



69.7143, 0.2948, 0.3481



69.7143, 0.2795, 0.3289



69.7143, 0.2730, 0.3105

Triad

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



69.7143, 0.2795, 0.3289



69.7143, 0.3092, 0.2988



69.7143, 0.3498, 0.3595

Complementary

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



69.7143, 0.2795, 0.3289



50.5300, 0.3586, 0.3291

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.



69.7143, 0.3542, 0.3453



69.7143, 0.2795, 0.3289



69.7143, 0.3303, 0.3109

Square

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



69.7143, 0.2795, 0.3289



69.7143, 0.2897, 0.2940



69.7143, 0.3469, 0.3277



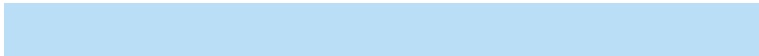
69.7143, 0.3353, 0.3659

Rectangle

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



69.7143, 0.2795, 0.3289



69.7143, 0.2743, 0.3013



69.7143, 0.3469, 0.3277



69.7143, 0.3525, 0.3554

Sweetspot

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



69.7171, 0.2795, 0.3289



96.7704, 0.3018, 0.3290



67.4064, 0.3103, 0.3917



20.6563, 0.3009, 0.3290



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.



69.7171, 0.2795, 0.3289



89.1979, 0.2732, 0.3289



57.1924, 0.2773, 0.2993



16.3364, 0.2982, 0.3290



35.2746, 0.2247, 0.3287



2.6067, 0.2247, 0.3287

Inverse Universe

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



50.5300, 0.3586, 0.3291



59.9926, 0.3715, 0.3292



61.0843, 0.3526, 0.3570



14.3680, 0.3293, 0.3291



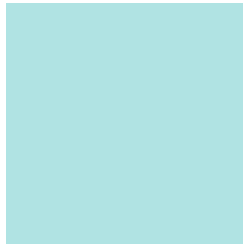
9.5242, 0.6401, 0.3300



0.7038, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 69.7143, 0.2795, 0.3289 looks on a white background.

Color Contrast Check

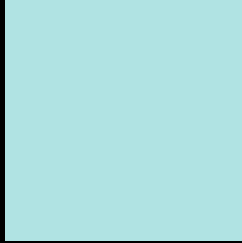
Large Text (above 18pt) WCAG AA × Fail

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 69.7143, 0.2795, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

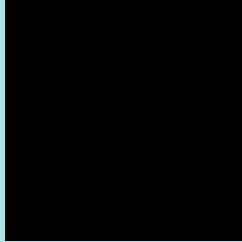
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7143, 0.2795, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 69.7143, 0.2795, 0.3289.

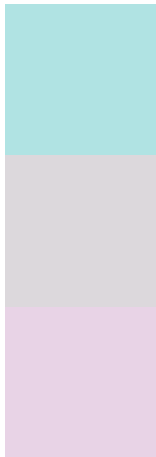


This preview shows how white text looks on a background with the Yxy color 69.7143, 0.2795, 0.3289.

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

69.7143, 0.2795, 0.3289

Protanopia

69.4947, 0.3129, 0.3246

Deuteranopia

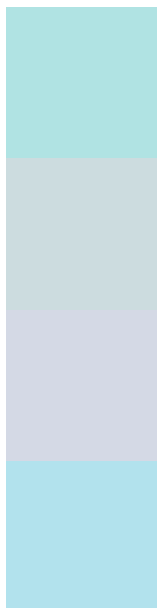
69.4575, 0.3151, 0.3089



Tritanopia

69.9052, 0.2722, 0.3084

Trichromacy



Original Color

69.7143, 0.2795, 0.3289

Protanomaly

69.3515, 0.2996, 0.3256

Deuteranomaly

69.2799, 0.3013, 0.3158

Tritanomaly

69.9721, 0.2750, 0.3163

Monochromacy



Original Color

69.7143, 0.2795, 0.3289

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.7776, 0.3000, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7143, 0.2795, 0.3289 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(176, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(176, 227, 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(176, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 227, 227) }
```

Border

The CSS property to change the border of an element to Yxy 69.7143, 0.2795, 0.3289 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(176, 227, 227) }
```

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

```
.border{ border-color:rgb(176, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(176, 227,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7143, 0.2795, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 227, 227) }
```

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

```
.background{ background-color: rgb(176,  
227, 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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