

Converting Colors

$Yxy(76.1496, 0.2748, 0.3289)$

Have a look what the booklet for
Yxy(76.1496, 0.2748, 0.3289)
contains.

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Color

Yxy(75.9129, 0.2750, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B0EDED
RGB	176, 237, 237
RGB Percent	69%, 93%, 93%
CMY	0.3098, 0.0706, 0.0706
CMYK	0.26, 0.00, 0.00, 0.07
HSL	180°, 63%, 81%
HSV	180°, 26%, 93%
XYZ	63.4723, 75.9129, 91.4232
YIQ	218.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

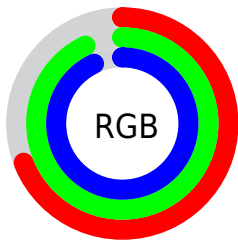
Format	Color
R _{YB}	176, 207, 237
Decimal	11595245
CIE Lab	89.82, -19.08, -6.23
CIE LCh	90, 20.071, 198.098
Yxy	75.9129, 0.2750, 0.3289
Android (android.graphics.Color)	4289785325 (0xFFB0EDED)
YUV	218.7610, 8.9918, -37.5014
Hunter-Lab	87.1280, -22.4376, -1.2233

Details

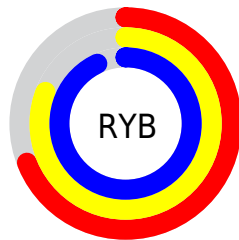
The Yxy color **75.9129, 0.2750, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.1884, 0.3676, 0.3292**, and the grayscale version is **70.6201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **40.4489, 0.2663, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **73.3901, 0.2625, 0.3289**, and if you desaturate by 10%, it is **78.9242, 0.2889, 0.3289**.

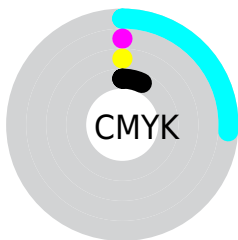
Distribution



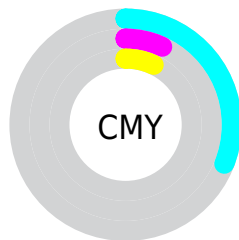
- Red (69%)
- Green (93%)
- Blue (93%)



- Red (69%)
- Yellow (81%)
- Blue (93%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (31%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9129, 0.2750, 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 75.9129, 0.2750, 0.3289 by changing the saturation by 10% instead.


 75.9129, 0.2750,
0.3289

 75.9129, 0.2750,
0.3289


481.0495, 0.2921,
0.3292

 56.3611, 0.2712,
0.3288


 127.6038, 0.2809,
0.3290

 40.4925, 0.2664,
0.3286


160.5116, 0.2832,
0.3291

 27.9228, 0.2605,
0.3283


198.6403, 0.2852,
0.3291

 18.2674, 0.2529,
0.3279

242.3742, 0.2869,
0.3291

 11.1422, 0.2427,
0.3272

292.0976, 0.2885,
0.3292

 6.1625, 0.2284,
0.3259

348.1951, 0.2898,

 2.9442, 0.2069,

0.3292

411.0509, 0.2911,
0.3292

0.3233

1.1027, 0.1645,
0.3197

0.0000, 0.0000,
0.0000

75.9129, 0.2750,
0.3289

75.9129, 0.2750,
0.3289

73.3901, 0.2625,
0.3289

78.9242, 0.2889,
0.3289

71.3213, 0.2516,
0.3288

82.4379, 0.3038,
0.3290


69.6825, 0.2425,
0.3288


86.4789, 0.3195,
0.3290


68.4433, 0.2353,
0.3288


87.9478, 0.3248,
0.3290

 67.5697, 0.2301,
0.3288

 87.9480, 0.3248,
0.3290


 67.0216, 0.2268,
0.3288

 87.9483, 0.3248,
0.3290

 66.7499, 0.2251,
0.3288

 87.9486, 0.3248,
0.3290

 66.6847, 0.2247,
0.3288

 87.9488, 0.3248,
0.3290

 87.9491, 0.3248,
0.3290

Harmonies

Analogous

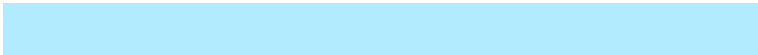
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9129, 0.2923, 0.3510



75.9129, 0.2750, 0.3289



75.9129, 0.2676, 0.3079

Triad

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



75.9129, 0.2750, 0.3289



75.9129, 0.3085, 0.2947



75.9129, 0.3551, 0.3636

Complementary

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



75.9129, 0.2750, 0.3289



52.1884, 0.3676, 0.3292

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.



75.9129, 0.3601, 0.3473



75.9129, 0.2750, 0.3289



75.9129, 0.3326, 0.3083

Square

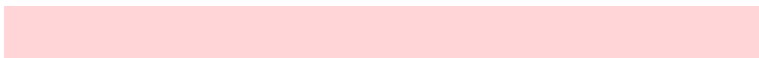
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9129, 0.2750, 0.3289



75.9129, 0.2863, 0.2892



75.9129, 0.3517, 0.3272



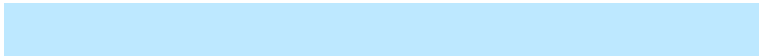
75.9129, 0.3386, 0.3712

Rectangle

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



75.9129, 0.2750, 0.3289



75.9129, 0.2690, 0.2975



75.9129, 0.3517, 0.3272



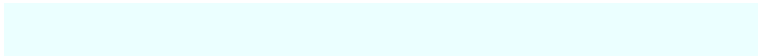
75.9129, 0.3582, 0.3589

Sweetspot

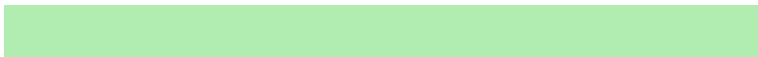
The Sweet Spot groups the original color and five complimentary colors.



75.9160, 0.2750, 0.3289



96.3339, 0.3003, 0.3290



73.0551, 0.3099, 0.4025



20.4814, 0.2980, 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.



75.9160, 0.2750, 0.3289



87.9633, 0.2681, 0.3289



60.2207, 0.2718, 0.2942



17.1219, 0.2981, 0.3290



36.4049, 0.2247, 0.3288



2.8587, 0.2247, 0.3288

Inverse Universe

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



52.1884, 0.3676, 0.3292



55.4243, 0.3836, 0.3292



65.0342, 0.3596, 0.3614



15.0541, 0.3293, 0.3290



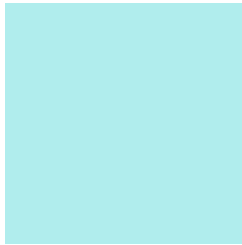
9.8299, 0.6401, 0.3300



0.7719, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 75.9129, 0.2750, 0.3289 looks on a white background.

Color Contrast Check

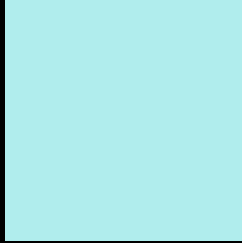
Large Text (above 18pt) WCAG AA × Fail

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 75.9129, 0.2750, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

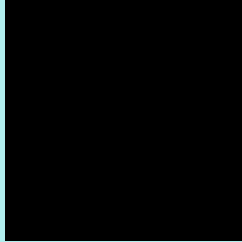
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9129, 0.2750, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 75.9129, 0.2750, 0.3289.

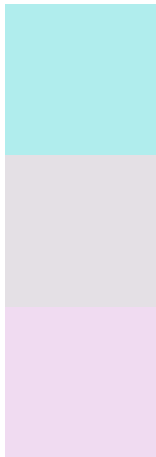


This preview shows how white text looks on a background with the Yxy color 75.9129, 0.2750, 0.3289.

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

75.9129, 0.2750, 0.3289

Protanopia

75.4624, 0.3123, 0.3237

Deuteranopia

75.5392, 0.3131, 0.3066



Tritanopia

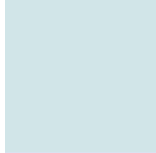
75.6408, 0.2686, 0.3079

Trichromacy



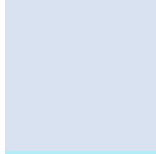
Original Color

75.9129, 0.2750, 0.3289



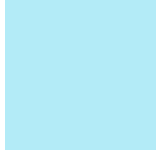
Protanomaly

75.4201, 0.2974, 0.3257



Deuteranomaly

75.4357, 0.2978, 0.3140



Tritanomaly

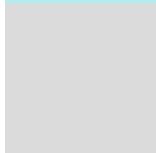
75.7158, 0.2712, 0.3155

Monochromacy



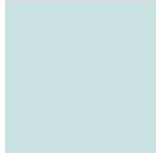
Original Color

75.9129, 0.2750, 0.3289



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.5802, 0.2971, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9129, 0.2750, 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, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(176, 237, 237)  
}
```

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, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.9129, 0.2750, 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, 237, 237) }
```

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

```
.border{ border-color:rgb(176, 237, 237) }
```

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

Here you see how a box with a 4 pixel rgb(176, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(176, 237,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9129, 0.2750, 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, 237, 237) }
```

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

```
.background{ background-color: rgb(176,  
237, 237) }
```

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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