

Converting Colors

$Yxy(76.9927, 0.2808, 0.3290)$

Have a look what the booklet for
Yxy(76.9927, 0.2808, 0.3290)
contains.

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Color

Yxy(77.1219, 0.2807, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	BAEDED
RGB	186, 237, 237
RGB Percent	73%, 93%, 93%
CMY	0.2706, 0.0706, 0.0706
CMYK	0.22, 0.00, 0.00, 0.07
HSL	180°, 59%, 83%
HSV	180°, 22%, 93%
XYZ	65.8198, 77.1219, 91.5427
YIQ	221.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

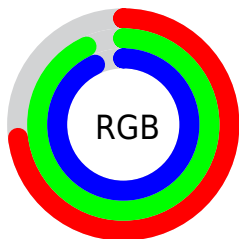
Format	Color
RYB	186, 212, 237
Decimal	12250605
CIELab	90.38, -16.16, -5.35
CIELCh	90, 17.028, 198.325
Yxy	77.1219, 0.2807, 0.3289
Android (android.graphics.Color)	4290440685 (0xFFBAEDED)
YUV	221.7510, 7.5178, -31.3536
Hunter-Lab	87.8191, -19.8989, -0.3306

Details

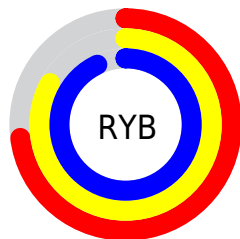
The Yxy color **77.1219, 0.2807, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.6689, 0.3563, 0.3291**, and the grayscale version is **72.8258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **41.2895, 0.2739, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **74.3980, 0.2676, 0.3289**, and if you desaturate by 10%, it is **80.3444, 0.2951, 0.3289**.

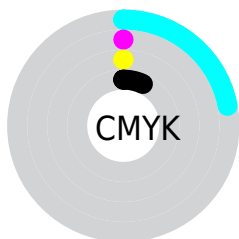
Distribution



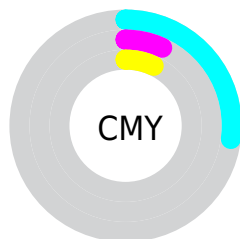
- Red (73%)
- Green (93%)
- Blue (93%)



- Red (73%)
- Yellow (83%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (27%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.1219, 0.2807, 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 77.1219, 0.2807, 0.3289 by changing the saturation by 10% instead.

 77.1219, 0.2807,
0.3289

 77.1219, 0.2807,
0.3289

485.1795, 0.2952,
0.3291

 57.3529, 0.2774,
0.3288

 129.3115, 0.2857,
0.3290

 41.2887, 0.2735,
0.3287


162.5010, 0.2876,
0.3290

 28.5447, 0.2684,
0.3285


200.9327, 0.2893,
0.3291

 18.7367, 0.2620,
0.3282

244.9912, 0.2908,
0.3291

 11.4802, 0.2533,
0.3277

295.0607, 0.2921,
0.3291

 6.3908, 0.2411,
0.3267

351.5256, 0.2933,

 3.0841, 0.2228,

0.3291

414.7705, 0.2943,
0.3291

0.3249

1.1758, 0.1905,
0.3212

0.0418, 0.0000,
0.0906

77.1219, 0.2807,
0.3289

77.1219, 0.2807,
0.3289

74.3980, 0.2676,
0.3289

80.3444, 0.2951,
0.3289

72.1389, 0.2560,
0.3288


84.0787, 0.3103,
0.3290


70.3216, 0.2461,
0.3288

87.9487, 0.3248,
0.3290


68.9171, 0.2381,
0.3288


87.9495, 0.3248,
0.3290


 67.8931, 0.2320,
0.3288


 87.9503, 0.3248,
0.3290

 67.2124, 0.2279,
0.3287

 87.9510, 0.3248,
0.3290

 66.8304, 0.2256,
0.3287

 87.9518, 0.3248,
0.3290

 66.6800, 0.2247,
0.3287

 87.9526, 0.3248,
0.3290

 87.9534, 0.3248,
0.3290

Harmonies

Analogous

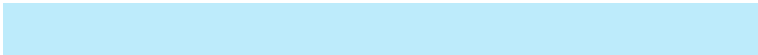
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1219, 0.2954, 0.3473



77.1219, 0.2807, 0.3289



77.1219, 0.2744, 0.3112

Triad

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



77.1219, 0.2807, 0.3289



77.1219, 0.3094, 0.2999



77.1219, 0.3484, 0.3584

Complementary

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



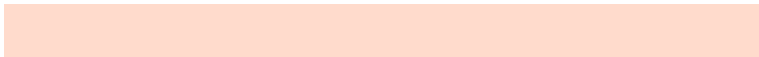
77.1219, 0.2807, 0.3289



56.6689, 0.3563, 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.



77.1219, 0.3526, 0.3448



77.1219, 0.2807, 0.3289



77.1219, 0.3297, 0.3116

Square

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



77.1219, 0.2807, 0.3289



77.1219, 0.2906, 0.2952



77.1219, 0.3457, 0.3278



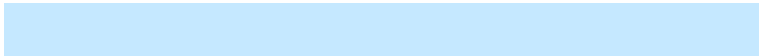
77.1219, 0.3345, 0.3645

Rectangle

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



77.1219, 0.2807, 0.3289



77.1219, 0.2757, 0.3023



77.1219, 0.3457, 0.3278



77.1219, 0.3510, 0.3545

Sweetspot

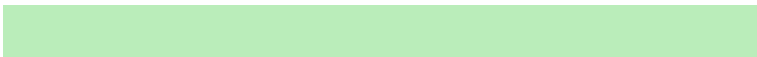
The Sweet Spot groups the original color and five complimentary colors.



77.1250, 0.2807, 0.3289



97.2122, 0.3034, 0.3290



74.5569, 0.3099, 0.3890



20.7454, 0.3024, 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.



77.1250, 0.2807, 0.3289



89.5180, 0.2745, 0.3289



63.3924, 0.2786, 0.2996



17.1218, 0.2981, 0.3290



36.4021, 0.2247, 0.3287



2.8585, 0.2247, 0.3287

Inverse Universe

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



59.2374, 0.3152, 0.2755



64.7460, 0.3158, 0.2641



68.3897, 0.3506, 0.3567



15.3138, 0.3138, 0.3058



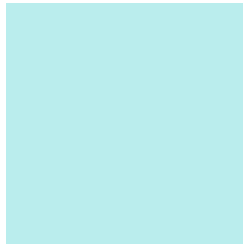
13.1676, 0.3209, 0.1542



1.0340, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 77.1219, 0.2807, 0.3289 looks on a white background.

Color Contrast Check

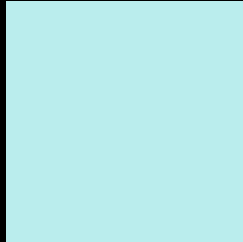
Large Text (above 18pt) WCAG AA × Fail

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 77.1219, 0.2807, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

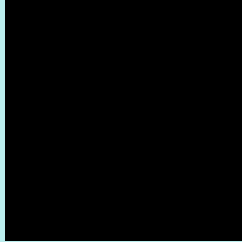
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.1219, 0.2807, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 77.1219, 0.2807, 0.3289.

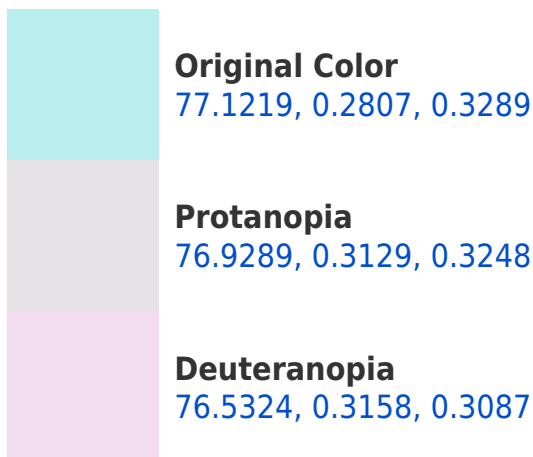


This preview shows how white text looks on a background with the Yxy color 77.1219, 0.2807, 0.3289.

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

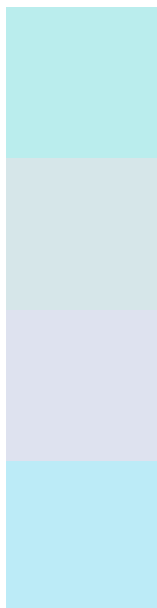




Tritanopia

76.7563, 0.2736, 0.3082

Trichromacy



Original Color

77.1219, 0.2807, 0.3289

Protanomaly

76.7730, 0.3001, 0.3257

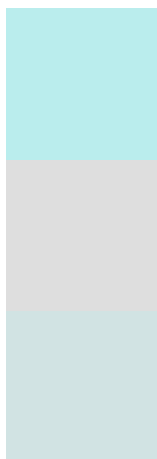
Deuteranomaly

76.1543, 0.3018, 0.3152

Tritanomaly

76.8234, 0.2763, 0.3157

Monochromacy



Original Color

77.1219, 0.2807, 0.3289

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.0395, 0.3005, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1219, 0.2807, 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(186, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 77.1219, 0.2807, 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(186, 237, 237) }
```

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

```
.border{ border-color:rgb(186, 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(186, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(186, 237,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1219, 0.2807, 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(186, 237, 237) }
```

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

```
.background{ background-color: rgb(186,  
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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