

Converting Colors

$Yxy(73.6970, 0.2674, 0.3128)$

Have a look what the booklet for
Yxy(73.6970, 0.2674, 0.3128)
contains.

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Color

Yxy(73.8775, 0.2677, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	ADE9F7
RGB	173, 233, 247
RGB Percent	68%, 91%, 97%
CMY	0.3214, 0.0863, 0.0314
CMYK	0.30, 0.06, 0.00, 0.03
HSL	191°, 82%, 82%
HSV	191°, 30%, 97%
XYZ	63.1651, 73.8775, 98.9123
YIQ	216.6560, -40.2540, -8.3660

Conversions

Conversions Part 2

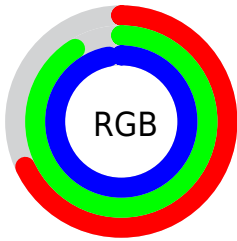
Format	Color
RYB	173, 206, 247
Decimal	11397623
CIELab	88.86, -15.67, -12.90
CIElCh	89, 20.296, 219.455
Yxy	73.8775, 0.2677, 0.3131
Android (android.graphics.Color)	4289587703 (0xFFADE9F7)
YUV	216.6560, 14.9596, -38.2863
Hunter-Lab	85.9520, -19.2385, -8.0636

Details

The Yxy color **73.8775, 0.2677, 0.3131** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.3422, 0.3757, 0.3442**, and the grayscale version is **69.0632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **39.0574, 0.2571, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **68.7093, 0.2542, 0.3069**, and if you desaturate by 10%, it is **79.6420, 0.2822, 0.3189**.

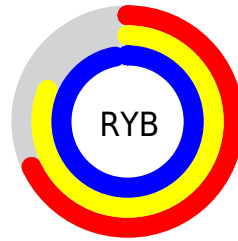
Distribution



Red (68%)

Green (91%)

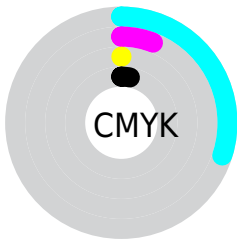
Blue (97%)



Red (68%)

Yellow (81%)

Blue (97%)

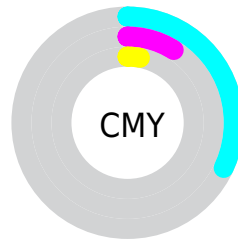


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8775, 0.2677, 0.3131 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 73.8775, 0.2677, 0.3131 by changing the saturation by 10% instead.

73.8775, 0.2677,
0.3131

73.8775, 0.2677,
0.3131

474.0505, 0.2881,
0.3208

54.6938, 0.2631,
0.3113

124.7221, 0.2747,
0.3158

39.1566, 0.2575,
0.3090

157.1519, 0.2775,
0.3169

26.8816, 0.2505,
0.3060

194.7657, 0.2798,
0.3178

17.4843, 0.2415,
0.3021

237.9480, 0.2819,
0.3185

10.5804, 0.2295,
0.2966

287.0833, 0.2838,
0.3192

5.7854, 0.2128,
0.2884

342.5559, 0.2854,

2.7151, 0.1880,

0.3198

0.2752

404.7501, 0.2868,
0.3203

0.9848, 0.1412,
0.2528

0.0000, 0.0000,
0.0000

73.8775, 0.2677,
0.3131

73.8775, 0.2677,
0.3131

68.7093, 0.2542,
0.3069

79.6420, 0.2822,
0.3189

64.0995, 0.2419,
0.3005

86.0212, 0.2973,
0.3242

60.0188, 0.2312,
0.2937

93.0430, 0.3128,
0.3290

56.4317, 0.2224,
0.2868

97.3973, 0.3176,
0.3335

■ 53.2973, 0.2155,
0.2799

■ 99.4944, 0.3174,
0.3367

■ 50.5673, 0.2106,
0.2730

■ 48.1622, 0.2073,
0.2661

■ 48.1478, 0.2073,
0.2661

Harmonies

Analogous

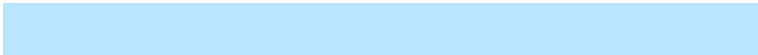
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8775, 0.2784, 0.3356



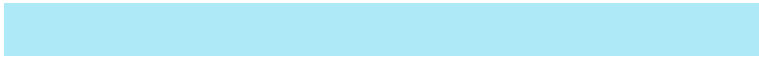
73.8775, 0.2677, 0.3131



73.8775, 0.2685, 0.2962

Triad

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



73.8775, 0.2677, 0.3131



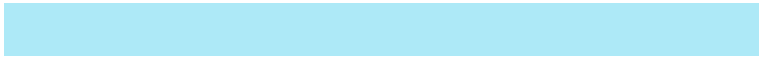
73.8775, 0.3261, 0.3032



73.8775, 0.3449, 0.3710

Complementary

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



73.8775, 0.2677, 0.3131



58.3422, 0.3757, 0.3442

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.



73.8775, 0.3588, 0.3602



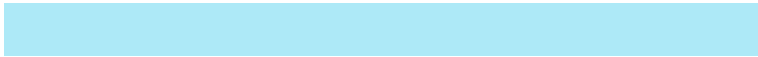
73.8775, 0.2677, 0.3131



73.8775, 0.3478, 0.3213

Square

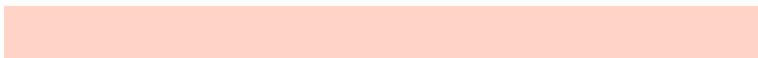
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8775, 0.2677, 0.3131



73.8775, 0.3014, 0.2914



73.8775, 0.3600, 0.3419



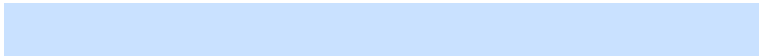
73.8775, 0.3226, 0.3702

Rectangle

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



73.8775, 0.2677, 0.3131



73.8775, 0.2753, 0.2901



73.8775, 0.3600, 0.3419



73.8775, 0.3507, 0.3685

Sweetspot

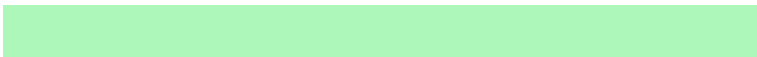
The Sweet Spot groups the original color and five complimentary colors.



73.8804, 0.2677, 0.3131



93.1658, 0.2988, 0.3246



78.9715, 0.3012, 0.4003



19.7163, 0.2965, 0.3239



0.0000, 0.0000, 0.0000



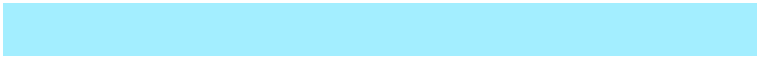
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8804, 0.2677, 0.3131



75.9655, 0.2593, 0.3094



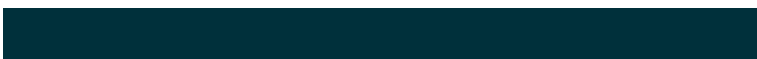
55.2896, 0.2628, 0.2697



18.1937, 0.2980, 0.3244



25.6659, 0.2076, 0.2672



2.3900, 0.2100, 0.2758

Inverse Universe

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



55.5575, 0.3273, 0.2674



53.6772, 0.3310, 0.2547



75.8700, 0.3646, 0.3818



16.7114, 0.3167, 0.3100



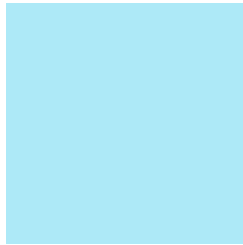
12.6904, 0.3754, 0.1842



1.1289, 0.3673, 0.1797

Previews

White Background



This preview shows how the Yxy color 73.8775, 0.2677, 0.3131 looks on a white background.

Color Contrast Check

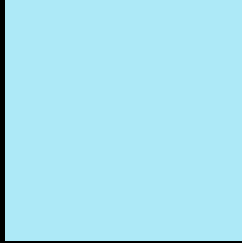
Large Text (above 18pt) WCAG AA × Fail

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 73.8775, 0.2677, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

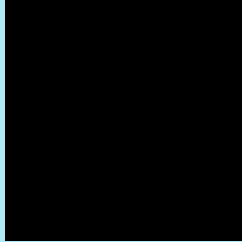
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8775, 0.2677, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 73.8775, 0.2677, 0.3131.

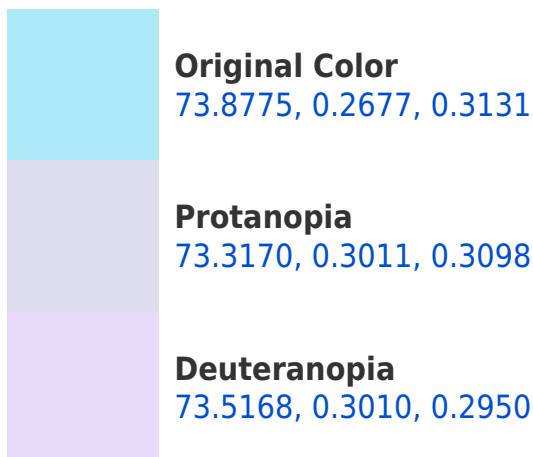


This preview shows how white text looks on a background with the Yxy color 73.8775, 0.2677, 0.3131.

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

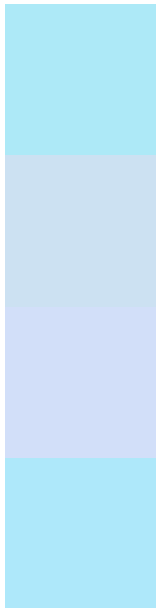




Tritanopia

73.6769, 0.2660, 0.3076

Trichromacy



Original Color

73.8775, 0.2677, 0.3131

Protanomaly

73.0986, 0.2881, 0.3104

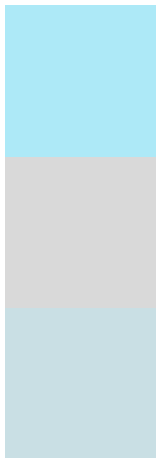
Deuteranomaly

73.3165, 0.2878, 0.3011

Tritanomaly

73.6140, 0.2665, 0.3087

Monochromacy



Original Color

73.8775, 0.2677, 0.3131

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.7943, 0.2945, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8775, 0.2677, 0.3131 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(173, 233, 247)` looks like.

```
.text, #text, p{  
    color:rgb(173, 233, 247)  
}
```

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(173, 233, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 233, 247) }
```

Border

The CSS property to change the border of an element to Yxy 73.8775, 0.2677, 0.3131 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(173, 233, 247) }
```

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

```
.border{ border-color:rgb(173, 233, 247) }
```

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

Here you see how a box with a 4 pixel rgb(173, 233, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 233, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 233, 247);  
box-shadow:4px 4px 4px 4px rgb(173, 233,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8775, 0.2677, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 233, 247) }
```

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

```
.background{ background-color: rgb(173,  
233, 247) }
```

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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