

Converting Colors

$Yxy(74.7038, 0.2831, 0.3266)$

Have a look what the booklet for
Yxy(74.7038, 0.2831, 0.3266)
contains.

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Color

Yxy(74.9674, 0.2827, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	BCE9EB
RGB	188, 233, 235
RGB Percent	74%, 91%, 92%
CMY	0.2627, 0.0862, 0.0785
CMYK	0.20, 0.01, 0.00, 0.08
HSL	183°, 54%, 83%
HSV	183°, 20%, 92%
XYZ	64.8708, 74.9674, 89.6304
YIQ	219.7730, -27.4620, -8.9180

Conversions

Conversions Part 2

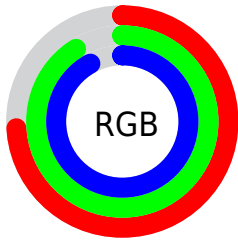
Format	Color
R _Y B	188, 211, 235
Decimal	12380651
CIE Lab	89.38, -13.99, -5.75
CIE LCh	89, 15.128, 202.357
Yxy	74.9674, 0.2827, 0.3267
Android (android.graphics.Color)	4290570731 (0xFFBCE9EB)
YUV	219.7730, 7.5069, -27.8649
Hunter-Lab	86.5837, -17.7846, -0.7677

Details

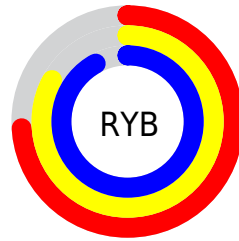
The Yxy color **74.9674, 0.2827, 0.3267** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.1052, 0.3520, 0.3313**, and the grayscale version is **71.3660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **39.7673, 0.2761, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **71.6684, 0.2691, 0.3254**, and if you desaturate by 10%, it is **78.7615, 0.2973, 0.3279**.

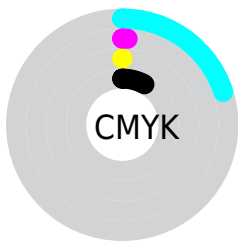
Distribution



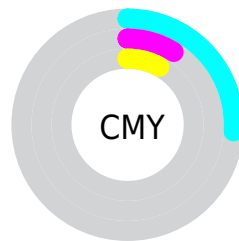
- Red (74%)
- Green (91%)
- Blue (92%)



- Red (74%)
- Yellow (83%)
- Blue (92%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (26%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9674, 0.2827, 0.3267 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 74.9674, 0.2827, 0.3267 by changing the saturation by 10% instead.


 74.9674, 0.2827,
0.3267

 74.9674, 0.2827,
0.3267


477.8055, 0.2964,
0.3279

 55.5862, 0.2796,
0.3264

 126.2662, 0.2874,
0.3272

 39.8712, 0.2758,
0.3260


158.9526, 0.2893,
0.3273

 27.4382, 0.2711,
0.3254


196.8428, 0.2909,
0.3275

 17.9026, 0.2649,
0.3247

240.3213, 0.2923,
0.3276

 10.8801, 0.2566,
0.3235

289.7724, 0.2935,
0.3277

 5.9862, 0.2448,
0.3218


345.5806, 0.2946,

 2.8367, 0.2269,

0.3278

0.3186


408.1301, 0.2955,
0.3279


 1.0471, 0.1930,
0.3131


 0.0000, 0.0000,
0.0000


 74.9674, 0.2827,
0.3267


 74.9674, 0.2827,
0.3267


 71.6684, 0.2691,
0.3254


 78.7615, 0.2973,
0.3279

 68.8318, 0.2569,
0.3241


 83.0634, 0.3127,
0.3290


 66.4353, 0.2463,
0.3227


 87.2275, 0.3262,
0.3300

 64.4509, 0.2375,
0.3213


 87.7967, 0.3261,
0.3310


 62.8476, 0.2306,
0.3199


 88.3690, 0.3260,
0.3319


 61.5899, 0.2257,
0.3184


 88.9445, 0.3259,
0.3329


 60.6354, 0.2226,
0.3170

 89.5231, 0.3258,
0.3339

 59.9122, 0.2210,
0.3157

 90.1049, 0.3257,
0.3348

 59.9116, 0.2210,
0.3157

 90.6898, 0.3256,
0.3358

Harmonies

Analogous

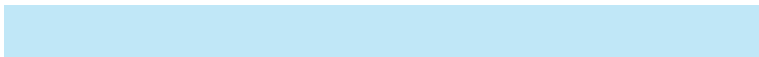
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9674, 0.2951, 0.3434



74.9674, 0.2827, 0.3267



74.9674, 0.2782, 0.3113

Triad

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



74.9674, 0.2827, 0.3267



74.9674, 0.3122, 0.3038



74.9674, 0.3435, 0.3566

Complementary

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



74.9674, 0.2827, 0.3267



58.1052, 0.3520, 0.3313

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.



74.9674, 0.3485, 0.3452



74.9674, 0.2827, 0.3267



74.9674, 0.3302, 0.3151

Square

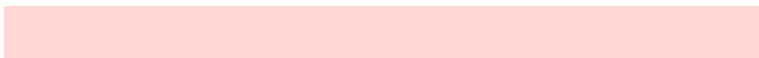
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9674, 0.2827, 0.3267



74.9674, 0.2949, 0.2988



74.9674, 0.3436, 0.3301



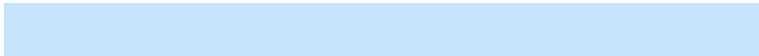
74.9674, 0.3301, 0.3609

Rectangle

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



74.9674, 0.2827, 0.3267



74.9674, 0.2801, 0.3039



74.9674, 0.3436, 0.3301



74.9674, 0.3462, 0.3535

Sweetspot

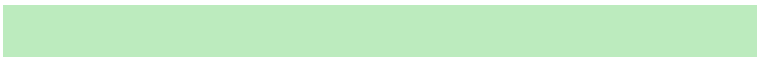
The Sweet Spot groups the original color and five complimentary colors.



74.9705, 0.2827, 0.3267



96.8039, 0.3034, 0.3283



73.7947, 0.3092, 0.3823



20.6485, 0.3024, 0.3283



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.



74.9705, 0.2827, 0.3267



88.5555, 0.2770, 0.3262



62.7447, 0.2810, 0.3001



17.0072, 0.2981, 0.3280



33.3997, 0.2211, 0.3159



2.6564, 0.2216, 0.3178

Inverse Universe

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



59.5099, 0.3165, 0.2814



66.8103, 0.3174, 0.2714



68.9063, 0.3472, 0.3563



15.3022, 0.3144, 0.3067



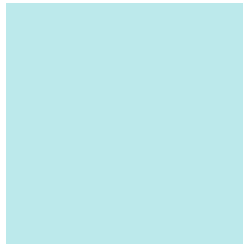
12.8645, 0.3317, 0.1601



1.0136, 0.3301, 0.1592

Previews

White Background



This preview shows how the Yxy color 74.9674, 0.2827, 0.3267 looks on a white background.

Color Contrast Check

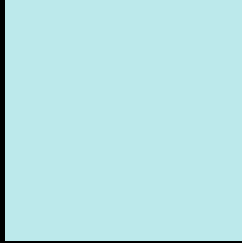
Large Text (above 18pt) WCAG AA × Fail

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 74.9674, 0.2827, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

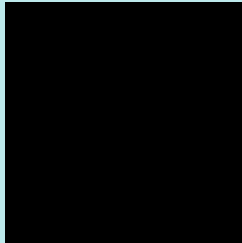
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9674, 0.2827, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 74.9674, 0.2827, 0.3267.



This preview shows how white text looks on a background with the Yxy color 74.9674, 0.2827, 0.3267.

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

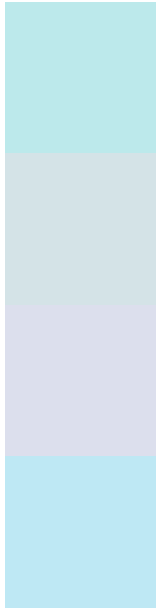




Tritanopia

75.0677, 0.2766, 0.3092

Trichromacy



Original Color

74.9674, 0.2827, 0.3267

Protanomaly

74.7047, 0.3000, 0.3246

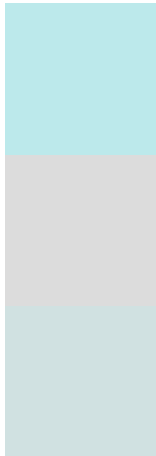
Deuteranomaly

74.1054, 0.3017, 0.3141

Tritanomaly

75.1920, 0.2788, 0.3156

Monochromacy



Original Color

74.9674, 0.2827, 0.3267

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6966, 0.3011, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9674, 0.2827, 0.3267 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(188, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(188, 233, 235)  
}
```

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(188, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 233, 235) }
```

Border

The CSS property to change the border of an element to Yxy 74.9674, 0.2827, 0.3267 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(188, 233, 235) }
```

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

```
.border{ border-color:rgb(188, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 233,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9674, 0.2827, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 233, 235) }
```

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

```
.background{ background-color: rgb(188,  
233, 235) }
```

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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