

Converting Colors

$Yxy(73.4809, 0.2810, 0.3250)$

Have a look what the booklet for
Yxy(73.4809, 0.2810, 0.3250)
contains.

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Color

Yxy(73.4643, 0.2807, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	B9E7EB
RGB	185, 231, 235
RGB Percent	73%, 91%, 92%
CMY	0.2748, 0.0940, 0.0784
CMYK	0.21, 0.02, 0.00, 0.08
HSL	185°, 56%, 82%
HSV	185°, 21%, 92%
XYZ	63.5679, 73.4643, 89.4299
YIQ	217.7020, -28.7000, -8.5080

Conversions

Conversions Part 2

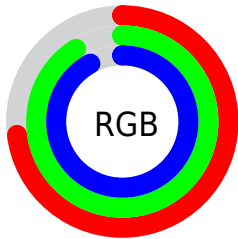
Format	Color
R_{YB}	185, 209, 235
Decimal	12183531
CIE _{Lab}	88.67, -13.90, -6.84
CIE _{LCh}	89, 15.492, 206.188
Y _{xy}	73.4643, 0.2807, 0.3244
Android (android.graphics.Color)	4290373611 (0xFFB9E7EB)
YUV	217.7020, 8.5279, -28.6797
Hunter-Lab	85.7113, -17.6101, -1.8644

Details

The Yxy color **73.4643, 0.2807, 0.3244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.5265, 0.3548, 0.3336**, and the grayscale version is **69.8444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **38.7399, 0.2736, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **69.7412, 0.2671, 0.3220**, and if you desaturate by 10%, it is **77.6876, 0.2953, 0.3267**.

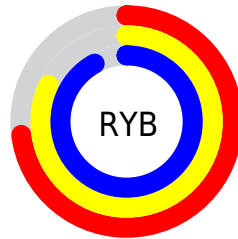
Distribution



Red (73%)

Green (91%)

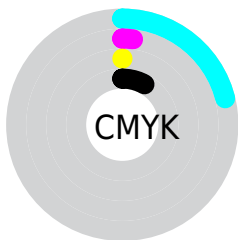
Blue (92%)



Red (73%)

Yellow (82%)

Blue (92%)

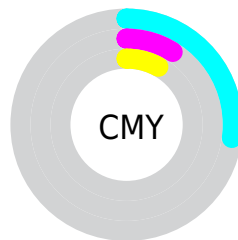


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (27%)


Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4643, 0.2807, 0.3244 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 73.4643, 0.2807, 0.3244 by changing the saturation by 10% instead.

 73.4643, 0.2807,
0.3244

 73.4643, 0.2807,
0.3244


472.6224, 0.2954,
0.3267

 54.3557, 0.2774,
0.3238

 124.1361, 0.2858,
0.3252

 38.8861, 0.2733,
0.3231


156.4681, 0.2877,
0.3256

 26.6711, 0.2682,
0.3221


193.9767, 0.2894,
0.3258

 17.3264, 0.2616,
0.3208

237.0463, 0.2909,
0.3261

 10.4675, 0.2526,
0.3189

286.0613, 0.2922,
0.3263

 5.7100, 0.2399,
0.3160

341.4060, 0.2934,

 2.6696, 0.2205,

0.3264

0.3110

403.4649, 0.2944,
0.3266

0.9618, 0.1806,
0.3032

0.0000, 0.0000,
0.0000

73.4643, 0.2807,
0.3244

73.4643, 0.2807,
0.3244

69.7412, 0.2671,
0.3220

77.6876, 0.2953,
0.3267

66.4855, 0.2547,
0.3194


82.4243, 0.3107,
0.3287

63.6745, 0.2439,
0.3168


87.6144, 0.3261,
0.3306


61.2798, 0.2349,
0.3140


88.7016, 0.3259,
0.3325


 59.2700, 0.2278,
0.3113


 89.8001, 0.3258,
0.3343


 57.6086, 0.2226,
0.3085


 90.9100, 0.3256,
0.3361

 56.2523, 0.2193,
0.3058

 92.0312, 0.3254,
0.3379

 55.2595, 0.2177,
0.3035

 93.1640, 0.3252,
0.3397

 94.3081, 0.3251,
0.3415

Harmonies

Analogous

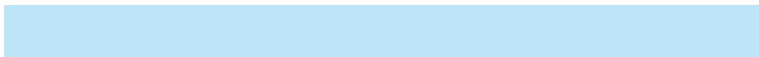
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4643, 0.2925, 0.3417



73.4643, 0.2807, 0.3244



73.4643, 0.2772, 0.3090

Triad

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



73.4643, 0.2807, 0.3244



73.4643, 0.3147, 0.3043



73.4643, 0.3431, 0.3585

Complementary

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



73.4643, 0.2807, 0.3244



57.5265, 0.3548, 0.3336

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.



73.4643, 0.3495, 0.3475



73.4643, 0.2807, 0.3244



73.4643, 0.3329, 0.3165

Square

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



73.4643, 0.2807, 0.3244



73.4643, 0.2964, 0.2981



73.4643, 0.3458, 0.3321



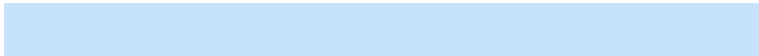
73.4643, 0.3285, 0.3618

Rectangle

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



73.4643, 0.2807, 0.3244



73.4643, 0.2800, 0.3020



73.4643, 0.3458, 0.3321



73.4643, 0.3463, 0.3555

Sweetspot

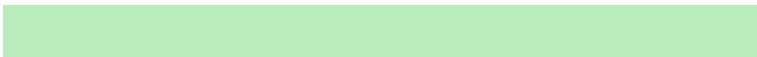
The Sweet Spot groups the original color and five complimentary colors.



73.4673, 0.2807, 0.3244



96.4379, 0.3034, 0.3278



73.3692, 0.3079, 0.3842



20.5617, 0.3024, 0.3276



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.



73.4673, 0.2807, 0.3244



86.1980, 0.2740, 0.3233



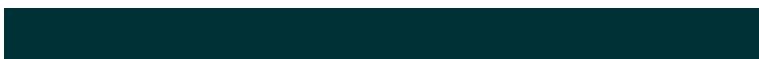
60.7538, 0.2787, 0.2960



16.9046, 0.2981, 0.3271



30.8411, 0.2178, 0.3039



2.4827, 0.2188, 0.3077

Inverse Universe

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



58.1059, 0.3182, 0.2801



64.4108, 0.3196, 0.2688



68.9078, 0.3494, 0.3600



15.2919, 0.3150, 0.3076



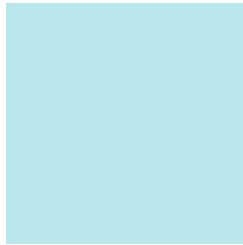
12.6062, 0.3420, 0.1657



0.9960, 0.3387, 0.1640

Previews

White Background



This preview shows how the Yxy color 73.4643, 0.2807, 0.3244 looks on a white background.

Color Contrast Check

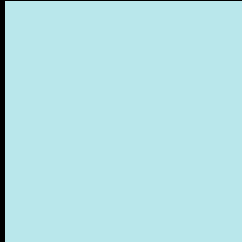
Large Text (above 18pt) WCAG AA × Fail

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 73.4643, 0.2807, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

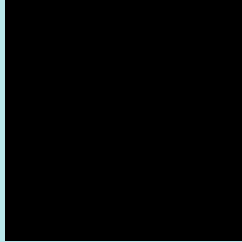
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4643, 0.2807, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 73.4643, 0.2807, 0.3244.

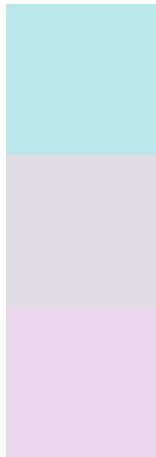


This preview shows how white text looks on a background with the Yxy color 73.4643, 0.2807, 0.3244.

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

73.4643, 0.2807, 0.3244

Protanopia

73.2173, 0.3096, 0.3204

Deuteranopia

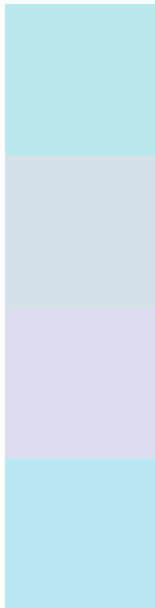
73.1176, 0.3124, 0.3062



Tritanopia

73.3188, 0.2752, 0.3089

Trichromacy



Original Color

73.4643, 0.2807, 0.3244

Protanomaly

73.3216, 0.2987, 0.3224

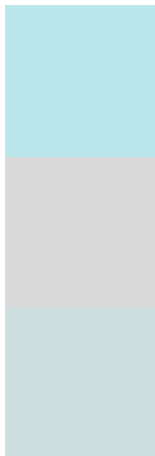
Deuteranomaly

72.5790, 0.2997, 0.3118

Tritanomaly

73.5038, 0.2768, 0.3144

Monochromacy



Original Color

73.4643, 0.2807, 0.3244

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.2790, 0.3003, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4643, 0.2807, 0.3244 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(185, 231, 235)` looks like.

```
.text, #text, p{  
    color:rgb(185, 231, 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(185, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 231, 235) }
```

Border

The CSS property to change the border of an element to Yxy 73.4643, 0.2807, 0.3244 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(185, 231, 235) }
```

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

```
.border{ border-color:rgb(185, 231, 235) }
```

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

Here you see how a box with a 4 pixel rgb(185, 231, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(185, 231,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4643, 0.2807, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 231, 235) }
```

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

```
.background{ background-color: rgb(185,  
231, 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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