

Converting Colors

$Yxy(73.8581, 0.2884, 0.3378)$

Have a look what the booklet for
Yxy(73.8581, 0.2884, 0.3378)
contains.

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Color

Yxy(73.7864, 0.2889, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	BCE8E0
RGB	188, 232, 224
RGB Percent	74%, 91%, 88%
CMY	0.2624, 0.0903, 0.1215
CMYK	0.19, 0.00, 0.03, 0.09
HSL	169°, 49%, 82%
HSV	169°, 19%, 91%
XYZ	63.0677, 73.7864, 81.4488
YIQ	217.9320, -23.6560, -11.8160

Conversions

Conversions Part 2

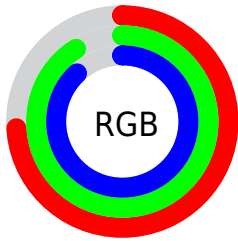
Format	Color
R _Y B	188, 212, 232
Decimal	12380384
CIE Lab	88.82, -15.71, -0.83
CIE LCh	89, 15.731, 183.013
Yxy	73.7864, 0.2889, 0.3380
Android (android.graphics.Color)	4290570464 (0xFFBCE8E0)
YUV	217.9320, 2.9915, -26.2504
Hunter-Lab	85.8990, -19.2672, 3.9109

Details

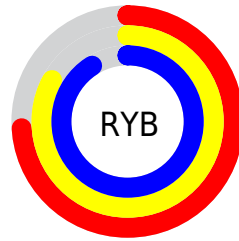
The Yxy color **73.7864, 0.2889, 0.3380** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.1462, 0.3432, 0.3202**, and the grayscale version is **70.0660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **38.9836, 0.2831, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **70.8486, 0.2774, 0.3434**, and if you desaturate by 10%, it is **77.2096, 0.3012, 0.3330**.

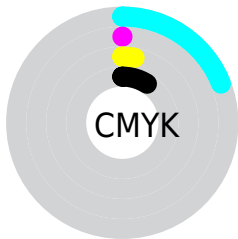
Distribution



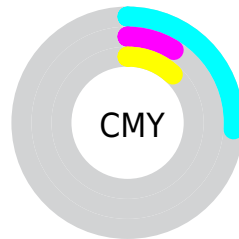
- Red (74%)
- Green (91%)
- Blue (88%)



- Red (74%)
- Yellow (83%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)




- Cyan (26%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7864, 0.2889, 0.3380 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 73.7864, 0.2889, 0.3380 by changing the saturation by 10% instead.

 73.7864, 0.2889,
0.3380

 73.7864, 0.2889,
0.3380


473.7358, 0.2999,
0.3339

 54.6192, 0.2864,
0.3389

 124.5930, 0.2927,
0.3366

 39.0969, 0.2833,
0.3401


157.0012, 0.2942,
0.3360

 26.8352, 0.2794,
0.3415


194.5918, 0.2955,
0.3355

 17.4495, 0.2744,
0.3434

237.7493, 0.2966,
0.3351

 10.5555, 0.2675,
0.3459

286.8581, 0.2975,
0.3348

 5.7688, 0.2576,
0.3495

342.3025, 0.2984,

 2.7050, 0.2422,

0.3344

404.4669, 0.2992,
0.3341

0.3550

0.9797, 0.2052,
0.3691

0.0000, 0.0000,
0.0000

73.7864, 0.2889,
0.3380

73.7864, 0.2889,
0.3380

70.8486, 0.2774,
0.3434

77.2096, 0.3012,
0.3330

68.3645, 0.2671,
0.3492


81.1301, 0.3141,
0.3285


66.3126, 0.2582,
0.3553


85.0580, 0.3255,
0.3245


64.6661, 0.2510,
0.3617


85.3066, 0.3227,
0.3203

 63.3953, 0.2457,
0.3682


 85.5610, 0.3200,
0.3163


 62.4663, 0.2424,
0.3748


 85.8213, 0.3174,
0.3122

 61.8389, 0.2410,
0.3814

 86.0875, 0.3147,
0.3082

 61.4520, 0.2412,
0.3879

 86.1840, 0.3138,
0.3068

 61.4160, 0.2413,
0.3886

Harmonies

Analogous

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



73.7864, 0.3056, 0.3534



73.7864, 0.2889, 0.3380



73.7864, 0.2787, 0.3204

Triad

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



73.7864, 0.2889, 0.3380



73.7864, 0.3001, 0.2984



73.7864, 0.3495, 0.3508

Complementary

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



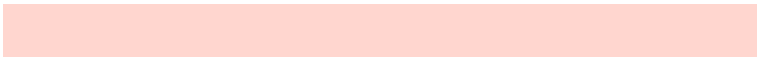
73.7864, 0.2889, 0.3380



57.1462, 0.3432, 0.3202

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.



73.7864, 0.3480, 0.3359



73.7864, 0.2889, 0.3380



73.7864, 0.3191, 0.3063

Square

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



73.7864, 0.2889, 0.3380



73.7864, 0.2850, 0.2982



73.7864, 0.3368, 0.3198



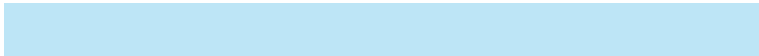
73.7864, 0.3407, 0.3605

Rectangle

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



73.7864, 0.2889, 0.3380



73.7864, 0.2767, 0.3102



73.7864, 0.3368, 0.3198



73.7864, 0.3502, 0.3462

Sweetspot

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



73.7895, 0.2889, 0.3380



97.0352, 0.3049, 0.3317



73.0929, 0.3157, 0.3800



20.7034, 0.3041, 0.3320



0.0000, 0.0000, 0.0000



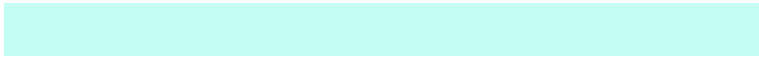
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7895, 0.2889, 0.3380



89.8559, 0.2840, 0.3402



66.7144, 0.2834, 0.3130



16.2891, 0.3006, 0.3333



34.1184, 0.2410, 0.3876



2.5330, 0.2383, 0.3780

Inverse Universe

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



57.1462, 0.3432, 0.3202



65.4028, 0.3518, 0.3182



63.0240, 0.3470, 0.3445



14.4105, 0.3264, 0.3248



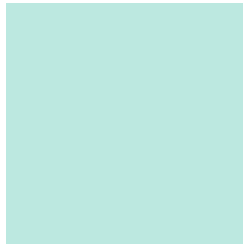
9.6307, 0.6117, 0.3143



0.7241, 0.5730, 0.2930

Previews

White Background



This preview shows how the Yxy color 73.7864, 0.2889, 0.3380 looks on a white background.

Color Contrast Check

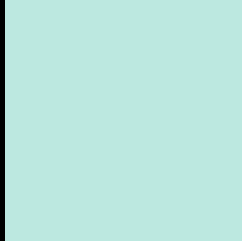
Large Text (above 18pt) WCAG AA × Fail

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 73.7864, 0.2889, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

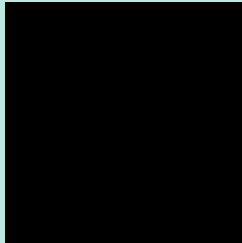
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

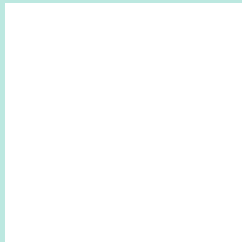
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7864, 0.2889, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 73.7864, 0.2889, 0.3380.

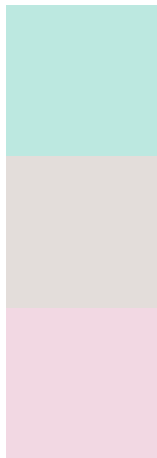


This preview shows how white text looks on a background with the Yxy color 73.7864, 0.2889, 0.3380.

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

73.7864, 0.2889, 0.3380

Protanopia

73.1058, 0.3190, 0.3322

Deuteranopia

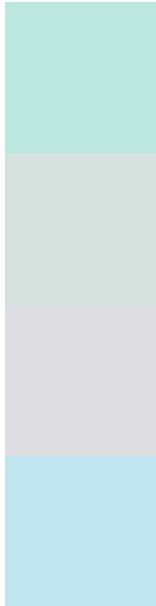
73.5350, 0.3242, 0.3177



Tritanopia

73.9605, 0.2781, 0.3091

Trichromacy



Original Color

73.7864, 0.2889, 0.3380

Protanomaly

73.1639, 0.3076, 0.3345

Deuteranomaly

73.2631, 0.3101, 0.3247

Tritanomaly

73.9020, 0.2820, 0.3189

Monochromacy



Original Color

73.7864, 0.2889, 0.3380

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.2081, 0.3035, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7864, 0.2889, 0.3380 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, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(188, 232, 224)  
}
```

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, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 232, 224) }
```

Border

The CSS property to change the border of an element to Yxy 73.7864, 0.2889, 0.3380 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, 232, 224) }
```

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

```
.border{ border-color:rgb(188, 232, 224) }
```

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

Here you see how a box with a 4 pixel rgb(188, 232, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(188, 232,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7864, 0.2889, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 232, 224) }
```

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

```
.background{ background-color: rgb(188,  
232, 224) }
```

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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