

Converting Colors

$Yxy(73.8962, 0.2758, 0.3361)$

Have a look what the booklet for
Yxy(73.8962, 0.2758, 0.3361)
contains.

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Color

Yxy(73.6199, 0.2757, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	AAEBE5
RGB	170, 235, 229
RGB Percent	67%, 92%, 90%
CMY	0.3333, 0.0784, 0.1021
CMYK	0.28, 0.00, 0.03, 0.08
HSL	174°, 62%, 79%
HSV	174°, 28%, 92%
XYZ	60.4257, 73.6199, 85.1264
YIQ	214.8810, -36.8140, -15.6460

Conversions

Conversions Part 2

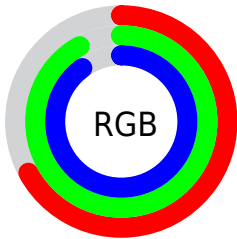
Format	Color
RYB	170, 204, 235
Decimal	11201509
CIELab	88.74, -21.55, -3.66
CIELCh	89, 21.854, 189.629
Yxy	73.6199, 0.2757, 0.3359
Android (android.graphics.Color)	4289391589 (0xFFAAEBE5)
YUV	214.8810, 6.9607, -39.3606
Hunter-Lab	85.8020, -24.4457, 1.2383

Details

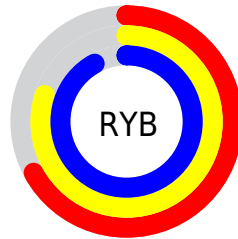
The Yxy color **73.6199, 0.2757, 0.3359** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **49.5533, 0.3674, 0.3224**, and the grayscale version is **67.8426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **39.0092, 0.2671, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **71.1122, 0.2643, 0.3388**, and if you desaturate by 10%, it is **76.6032, 0.2883, 0.3332**.

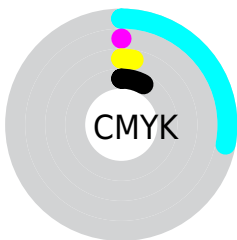
Distribution



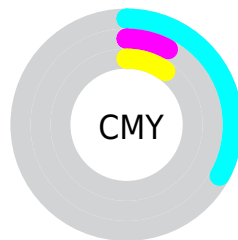
- Red (67%)
- Green (92%)
- Blue (90%)



- Red (67%)
- Yellow (80%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)





- Cyan (33%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6199, 0.2757, 0.3359 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 73.6199, 0.2757, 0.3359 by changing the saturation by 10% instead.

 73.6199, 0.2757,
0.3359

 73.6199, 0.2757,
0.3359

473.1605, 0.2927,
0.3329

 54.4830, 0.2719,
0.3365


 124.3568, 0.2816,
0.3349

 38.9879, 0.2672,
0.3373


156.7257, 0.2838,
0.3345

 26.7503, 0.2612,
0.3383


194.2739, 0.2858,
0.3341

 17.3858, 0.2535,
0.3394

237.3860, 0.2875,
0.3338

 10.5099, 0.2431,
0.3409

286.4463, 0.2890,
0.3336

 5.7384, 0.2284,
0.3428

341.8392, 0.2904,

 2.6866, 0.2059,

0.3333

403.9492, 0.2916,
0.3331

0.3452

0.9704, 0.1450,
0.3572

0.0000, 0.0000,
0.0000

73.6199, 0.2757,
0.3359

73.6199, 0.2757,
0.3359

71.1122, 0.2643,
0.3388

76.6032, 0.2883,
0.3332

69.0463, 0.2545,
0.3418


80.0763, 0.3019,
0.3307

67.3978, 0.2464,
0.3449


84.0638, 0.3161,
0.3285

66.1366, 0.2402,
0.3481

86.8362, 0.3245,
0.3264

 65.2282, 0.2360,
0.3513


 86.9652, 0.3231,
0.3243


 64.6322, 0.2336,
0.3545


 87.0958, 0.3217,
0.3221

 64.2943, 0.2329,
0.3576

 87.2279, 0.3203,
0.3200

 64.2327, 0.2329,
0.3584

 87.3616, 0.3190,
0.3179

 87.4969, 0.3176,
0.3158

Harmonies

Analogous

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



73.6199, 0.2970, 0.3592



73.6199, 0.2757, 0.3359



73.6199, 0.2643, 0.3116

Triad

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



73.6199, 0.2757, 0.3359



73.6199, 0.3006, 0.2887



73.6199, 0.3623, 0.3626

Complementary

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



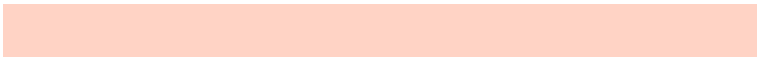
73.6199, 0.2757, 0.3359



49.5533, 0.3674, 0.3224

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.



73.6199, 0.3637, 0.3429



73.6199, 0.2757, 0.3359



73.6199, 0.3272, 0.3014

Square

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



73.6199, 0.2757, 0.3359



73.6199, 0.2782, 0.2857



73.6199, 0.3507, 0.3208



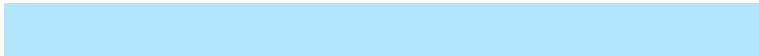
73.6199, 0.3472, 0.3743

Rectangle

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



73.6199, 0.2757, 0.3359



73.6199, 0.2635, 0.2986



73.6199, 0.3507, 0.3208



73.6199, 0.3645, 0.3566

Sweetspot

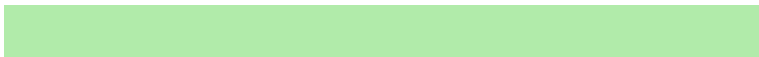
The Sweet Spot groups the original color and five complimentary colors.



73.6229, 0.2757, 0.3359



96.2126, 0.3013, 0.3308



71.6129, 0.3132, 0.4079



20.4506, 0.2992, 0.3312



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.



73.6229, 0.2757, 0.3359



86.8874, 0.2693, 0.3375



60.1507, 0.2694, 0.2980



17.0963, 0.2994, 0.3312



35.7563, 0.2328, 0.3579



2.8148, 0.2315, 0.3535

Inverse Universe

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



49.5533, 0.3674, 0.3224



53.5707, 0.3827, 0.3210



60.0498, 0.3653, 0.3581



15.0768, 0.3278, 0.3268



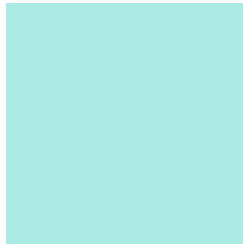
9.8698, 0.6294, 0.3241



0.7828, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 73.6199, 0.2757, 0.3359 looks on a white background.

Color Contrast Check

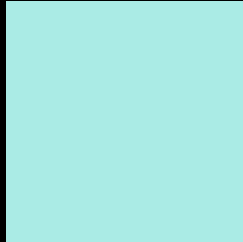
Large Text (above 18pt) WCAG AA × Fail

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 73.6199, 0.2757, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

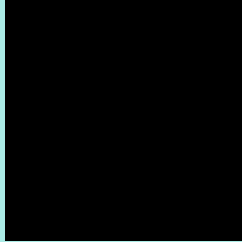
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6199, 0.2757, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 73.6199, 0.2757, 0.3359.

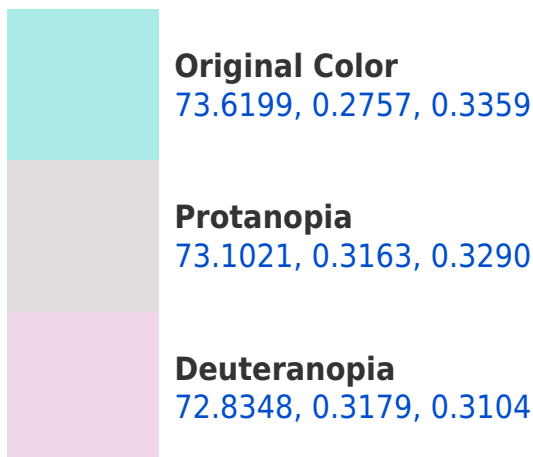


This preview shows how white text looks on a background with the Yxy color 73.6199, 0.2757, 0.3359.

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

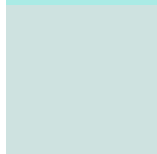
73.7293, 0.2671, 0.3087

Trichromacy



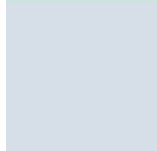
Original Color

73.6199, 0.2757, 0.3359



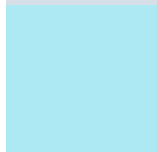
Protanomaly

72.8963, 0.3003, 0.3312



Deuteranomaly

72.3649, 0.3008, 0.3181



Tritanomaly

73.5729, 0.2703, 0.3187

Monochromacy



Original Color

73.6199, 0.2757, 0.3359



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.5520, 0.2981, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6199, 0.2757, 0.3359 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(170, 235, 229)` looks like.

```
.text, #text, p{  
    color:rgb(170, 235, 229)  
}
```

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(170, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 235, 229) }
```

Border

The CSS property to change the border of an element to Yxy 73.6199, 0.2757, 0.3359 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(170, 235, 229) }
```

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

```
.border{ border-color:rgb(170, 235, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 235, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 235, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 235, 229);  
box-shadow:4px 4px 4px 4px rgb(170, 235,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6199, 0.2757, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 235, 229) }
```

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

```
.background{ background-color: rgb(170,  
235, 229) }
```

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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