

Converting Colors

$Yxy(73.0489, 0.2783, 0.3335)$

Have a look what the booklet for
Yxy(73.0489, 0.2783, 0.3335)
contains.

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Color

Yxy(73.0489, 0.2783, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	AFE9E5
RGB	175, 233, 229
RGB Percent	69%, 91%, 90%
CMY	0.3138, 0.0862, 0.1019
CMYK	0.25, 0.00, 0.02, 0.09
HSL	176°, 57%, 80%
HSV	176°, 25%, 91%
XYZ	60.9580, 73.0489, 85.0302
YIQ	215.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

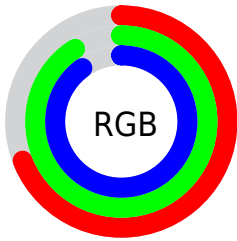
Format	Color
R_{YB}	175, 205, 233
Decimal	11528677
CIE Lab	88.47, -19.12, -4.05
CIE LCh	88, 19.542, 191.973
Yxy	73.0489, 0.2783, 0.3335
Android (android.graphics.Color)	4289718757 (0xFFAFE9E5)
YUV	215.2020, 6.8024, -35.2572
Hunter-Lab	85.4686, -22.2602, 0.8422

Details

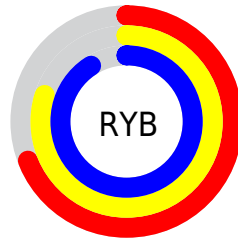
The Yxy color **73.0489, 0.2783, 0.3335** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.2272, 0.3616, 0.3246**, and the grayscale version is **68.0676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **38.5652, 0.2702, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **70.4958, 0.2663, 0.3356**, and if you desaturate by 10%, it is **76.0739, 0.2915, 0.3316**.

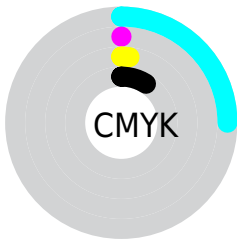
Distribution



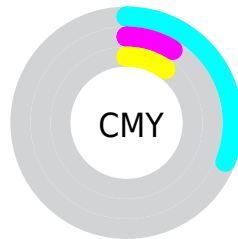
- Red (69%)
- Green (91%)
- Blue (90%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)





- Cyan (31%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0489, 0.2783, 0.3335 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 73.0489, 0.2783, 0.3335 by changing the saturation by 10% instead.

 73.0489, 0.2783,
0.3335

 73.0489, 0.2783,
0.3335


471.1843, 0.2941,
0.3316

 54.0159, 0.2747,
0.3339


 123.5466, 0.2838,
0.3329

 38.6144, 0.2703,
0.3344


155.7802, 0.2859,
0.3326

 26.4599, 0.2648,
0.3349

193.1828, 0.2877,
0.3324

 17.1680, 0.2576,
0.3356

236.1387, 0.2893,
0.3322

 10.3543, 0.2478,
0.3364

285.0324, 0.2907,
0.3320

 5.6345, 0.2340,
0.3373

340.2483, 0.2920,

 2.6242, 0.2127,

0.3319

402.1708, 0.2931,
0.3317

0.3383

0.9388, 0.1567,
0.3465

0.0000, 0.0000,
0.0000

73.0489, 0.2783,
0.3335

73.0489, 0.2783,
0.3335

70.4958, 0.2663,
0.3356

76.0739, 0.2915,
0.3316

68.3819, 0.2558,
0.3377

79.5841, 0.3056,
0.3298

66.6840, 0.2471,
0.3400


83.6032, 0.3203,
0.3282

65.3734, 0.2402,
0.3423


85.5656, 0.3262,
0.3267

 64.4178, 0.2352,
0.3446


 85.6587, 0.3251,
0.3251

 63.7795, 0.2322,
0.3470


 85.7528, 0.3241,
0.3235

 63.4123, 0.2309,
0.3492

 85.8476, 0.3231,
0.3220

 63.2926, 0.2307,
0.3504

 85.9433, 0.3220,
0.3204

 86.0398, 0.3210,
0.3189

Harmonies

Analogous

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



73.0489, 0.2970, 0.3546



73.0489, 0.2783, 0.3335



73.0489, 0.2688, 0.3120

Triad

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



73.0489, 0.2783, 0.3335



73.0489, 0.3037, 0.2933



73.0489, 0.3565, 0.3604

Complementary

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



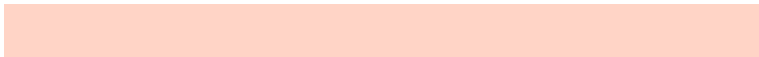
73.0489, 0.2783, 0.3335



51.2272, 0.3616, 0.3246

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.



73.0489, 0.3588, 0.3432



73.0489, 0.2783, 0.3335



73.0489, 0.3276, 0.3053

Square

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



73.0489, 0.2783, 0.3335



73.0489, 0.2830, 0.2899



73.0489, 0.3480, 0.3232



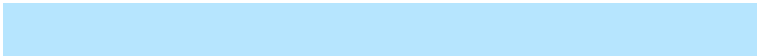
73.0489, 0.3423, 0.3700

Rectangle

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



73.0489, 0.2783, 0.3335



73.0489, 0.2686, 0.3007



73.0489, 0.3480, 0.3232



73.0489, 0.3587, 0.3553

Sweetspot

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



73.0519, 0.2783, 0.3335



96.6916, 0.3025, 0.3302



71.0572, 0.3126, 0.3991



20.6380, 0.3016, 0.3303



0.0000, 0.0000, 0.0000



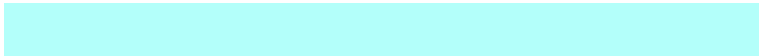
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0519, 0.2783, 0.3335



87.9303, 0.2719, 0.3346



60.5104, 0.2736, 0.3003



17.1030, 0.2990, 0.3306



35.9181, 0.2306, 0.3501



2.8258, 0.2297, 0.3469

Inverse Universe

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



51.2272, 0.3616, 0.3246



56.7506, 0.3758, 0.3237



61.3369, 0.3588, 0.3561



15.0708, 0.3282, 0.3274



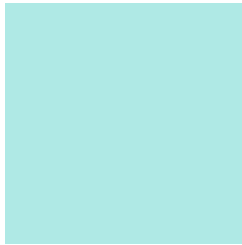
9.8574, 0.6326, 0.3259



0.7799, 0.6135, 0.3153

Previews

White Background



This preview shows how the Yxy color 73.0489, 0.2783, 0.3335 looks on a white background.

Color Contrast Check

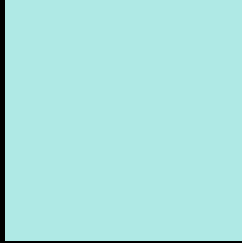
Large Text (above 18pt) WCAG AA × Fail

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 73.0489, 0.2783, 0.3335 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

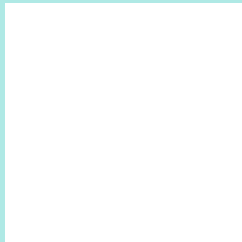
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0489, 0.2783, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 73.0489, 0.2783, 0.3335.

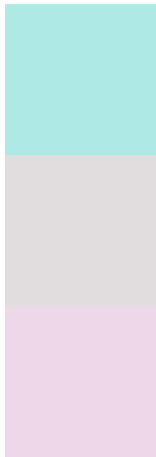


This preview shows how white text looks on a background with the Yxy color 73.0489, 0.2783, 0.3335.

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

73.0489, 0.2783, 0.3335

Protanopia

72.4679, 0.3150, 0.3269

Deuteranopia

72.6612, 0.3172, 0.3103



Tritanopia

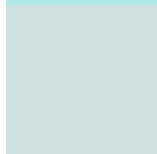
72.9546, 0.2701, 0.3087

Trichromacy



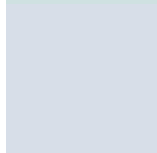
Original Color

73.0489, 0.2783, 0.3335



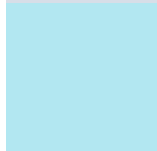
Protanomaly

72.5521, 0.3004, 0.3290



Deuteranomaly

72.5158, 0.3014, 0.3181



Tritanomaly

72.9677, 0.2734, 0.3176

Monochromacy



Original Color

73.0489, 0.2783, 0.3335



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.6892, 0.2988, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0489, 0.2783, 0.3335 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(175, 233, 229)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 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(175, 233, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 229) }
```

Border

The CSS property to change the border of an element to Yxy 73.0489, 0.2783, 0.3335 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(175, 233, 229) }
```

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

```
.border{ border-color:rgb(175, 233, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 233, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 229);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0489, 0.2783, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 229) }
```

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

```
.background{ background-color: rgb(175,  
233, 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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