

Converting Colors

$Yxy(72.6483, 0.2834, 0.3448)$

Have a look what the booklet for
Yxy(72.6483, 0.2834, 0.3448)
contains.

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Color

Yxy(72.5591, 0.2833, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	AFE9DC
RGB	175, 233, 220
RGB Percent	69%, 91%, 86%
CMY	0.3137, 0.0863, 0.1372
CMYK	0.25, 0.00, 0.06, 0.09
HSL	167°, 57%, 80%
HSV	167°, 25%, 91%
XYZ	59.7384, 72.5591, 78.5688
YIQ	214.1760, -30.3950, -16.3390

Conversions

Conversions Part 2

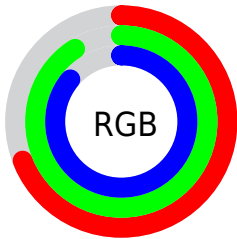
Format	Color
RYB	175, 208, 233
Decimal	11528668
CIELab	88.24, -21.00, 0.33
CIElCh	88, 21.006, 179.097
Yxy	72.5591, 0.2833, 0.3441
Android (android.graphics.Color)	4289718748 (0xFFAFE9DC)
YUV	214.1760, 2.8712, -34.3574
Hunter-Lab	85.1816, -23.8846, 4.9400

Details

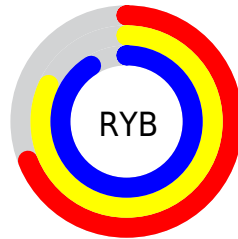
The Yxy color **72.5591, 0.2833, 0.3441** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.6203, 0.3535, 0.3145**, and the grayscale version is **67.3687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **38.2258, 0.2764, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **69.8219, 0.2729, 0.3511**, and if you desaturate by 10%, it is **75.7761, 0.2946, 0.3376**.

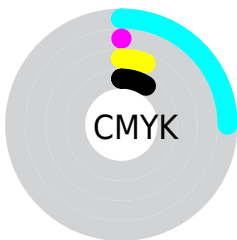
Distribution



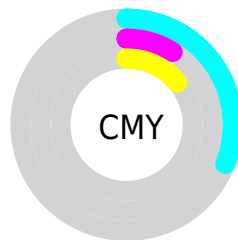
- Red (69%)
- Green (91%)
- Blue (86%)



- Red (69%)
- Yellow (82%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)





- Cyan (31%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5591, 0.2833, 0.3441 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 72.5591, 0.2833, 0.3441 by changing the saturation by 10% instead.


 72.5591, 0.2833,
0.3441

 72.5591, 0.2833,
0.3441


469.4853, 0.2969,
0.3371

 53.6155, 0.2802,
0.3457


 122.8511, 0.2880,
0.3417

 38.2944, 0.2764,
0.3477


154.9683, 0.2899,
0.3407

 26.2112, 0.2715,
0.3502


192.2455, 0.2914,
0.3399

 16.9817, 0.2651,
0.3534


235.0671, 0.2928,
0.3392

 10.2215, 0.2565,
0.3579

283.8175, 0.2940,
0.3386

 5.5460, 0.2440,
0.3644

338.8810, 0.2951,

 2.5711, 0.2246,

0.3380

400.6422, 0.2960,
0.3376

0.3745

0.9121, 0.1583,
0.4080

0.0000, 0.0000,
0.0000

72.5591, 0.2833,
0.3441

72.5591, 0.2833,
0.3441

69.8219, 0.2729,
0.3511

75.7761, 0.2946,
0.3376

67.5315, 0.2638,
0.3586

79.4862, 0.3067,
0.3317

65.6649, 0.2563,
0.3665

83.7131, 0.3191,
0.3263

64.1933, 0.2505,
0.3746

85.8837, 0.3226,
0.3213

■ 63.0842, 0.2467,
0.3829

■ 86.2001, 0.3193,
0.3163

■ 62.2999, 0.2449,
0.3913

■ 86.5256, 0.3160,
0.3113

■ 61.7941, 0.2450,
0.3996

■ 86.7591, 0.3137,
0.3078

■ 61.6061, 0.2455,
0.4038

Harmonies

Analogous

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



72.5591, 0.3062, 0.3643



72.5591, 0.2833, 0.3441



72.5591, 0.2685, 0.3201

Triad

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



72.5591, 0.2833, 0.3441



72.5591, 0.2926, 0.2878



72.5591, 0.3627, 0.3554

Complementary

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



72.5591, 0.2833, 0.3441



51.6203, 0.3535, 0.3145

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.



72.5591, 0.3590, 0.3350



72.5591, 0.2833, 0.3441



72.5591, 0.3177, 0.2971

Square

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



72.5591, 0.2833, 0.3441



72.5591, 0.2737, 0.2886



72.5591, 0.3423, 0.3140



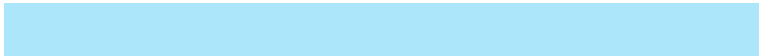
72.5591, 0.3525, 0.3700

Rectangle

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



72.5591, 0.2833, 0.3441



72.5591, 0.2648, 0.3059



72.5591, 0.3423, 0.3140



72.5591, 0.3631, 0.3490

Sweetspot

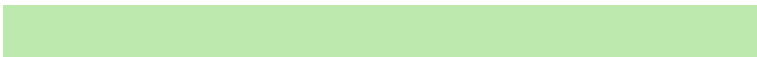
The Sweet Spot groups the original color and five complimentary colors.



72.5621, 0.2833, 0.3441



96.5153, 0.3040, 0.3329



72.1353, 0.3185, 0.3978



20.5971, 0.3033, 0.3333



0.0000, 0.0000, 0.0000



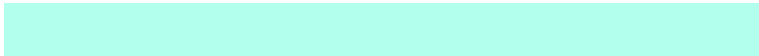
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5621, 0.2833, 0.3441



87.2087, 0.2777, 0.3477



64.9025, 0.2746, 0.3108



17.0607, 0.3011, 0.3343



34.9754, 0.2451, 0.4025



2.7606, 0.2420, 0.3910

Inverse Universe

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



51.6203, 0.3535, 0.3145



57.2696, 0.3652, 0.3113



57.4534, 0.3610, 0.3465



15.1093, 0.3258, 0.3237



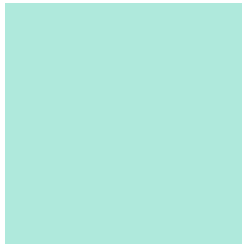
9.9870, 0.6005, 0.3082



0.7984, 0.5621, 0.2870

Previews

White Background



This preview shows how the Yxy color 72.5591, 0.2833, 0.3441 looks on a white background.

Color Contrast Check

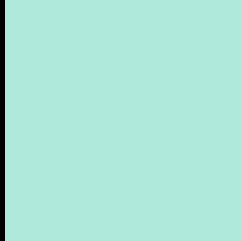
Large Text (above 18pt) WCAG AA × Fail

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 72.5591, 0.2833, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

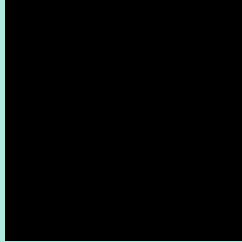
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

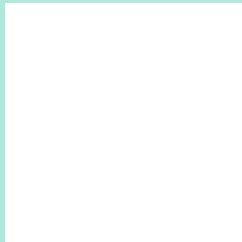
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5591, 0.2833, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 72.5591, 0.2833, 0.3441.

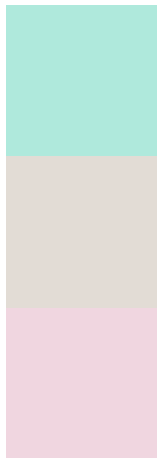


This preview shows how white text looks on a background with the Yxy color 72.5591, 0.2833, 0.3441.

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

72.5591, 0.2833, 0.3441

Protanopia

72.1592, 0.3217, 0.3366

Deuteranopia

72.0002, 0.3250, 0.3186



Tritanopia

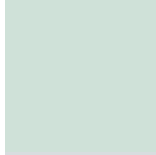
72.5778, 0.2717, 0.3087

Trichromacy



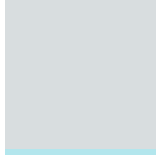
Original Color

72.5591, 0.2833, 0.3441



Protanomaly

72.0737, 0.3060, 0.3391



Deuteranomaly

71.6395, 0.3079, 0.3268



Tritanomaly

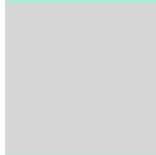
72.2918, 0.2760, 0.3209

Monochromacy



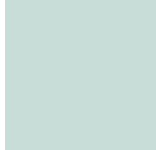
Original Color

72.5591, 0.2833, 0.3441



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

68.9501, 0.3013, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5591, 0.2833, 0.3441 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 220) }
```

Border

The CSS property to change the border of an element to Yxy 72.5591, 0.2833, 0.3441 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, 220) }
```

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

```
.border{ border-color:rgb(175, 233, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 220);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5591, 0.2833, 0.3441 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, 220) }
```

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

```
.background{ background-color: rgb(175,  
233, 220) }
```

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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