

Converting Colors

$Yxy(72.3589, 0.2868, 0.3452)$

Have a look what the booklet for
Yxy(72.3589, 0.2868, 0.3452)
contains.

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Color

Yxy(72.3589, 0.2868, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	B3E8DA
RGB	179, 232, 218
RGB Percent	70%, 91%, 85%
CMY	0.2977, 0.0903, 0.1450
CMYK	0.23, 0.00, 0.06, 0.09
HSL	164°, 53%, 81%
HSV	164°, 23%, 91%
XYZ	60.1174, 72.3589, 77.1381
YIQ	214.5570, -27.0940, -15.5900

Conversions

Conversions Part 2

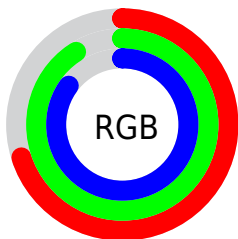
Format	Color
RYB	179, 210, 232
Decimal	11790554
CIELab	88.14, -19.69, 1.26
CIELCh	88, 19.727, 176.335
Yxy	72.3589, 0.2868, 0.3452
Android (android.graphics.Color)	4289980634 (0xFFB3E8DA)
YUV	214.5570, 1.6974, -31.1835
Hunter-Lab	85.0640, -22.7105, 5.7792

Details

The Yxy color **72.3589, 0.2868, 0.3452** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.2797, 0.3474, 0.3135**, and the grayscale version is **67.6546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **38.0550, 0.2806, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **69.5098, 0.2766, 0.3534**, and if you desaturate by 10%, it is **75.6909, 0.2978, 0.3377**.

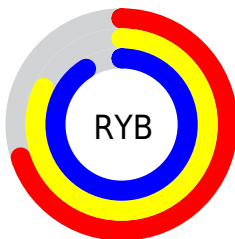
Distribution



Red (70%)

Green (91%)

Blue (85%)



Red (70%)

Yellow (82%)

Blue (91%)

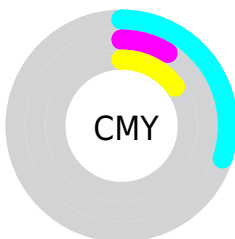


Cyan (23%)

Magenta (0%)

Yellow (6%)

Black (9%)



Cyan (30%)


Magenta (9%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3589, 0.2868, 0.3452 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 72.3589, 0.2868, 0.3452 by changing the saturation by 10% instead.


 72.3589, 0.2868,
0.3452

 72.3589, 0.2868,
0.3452


468.7898, 0.2988,
0.3377

 53.4519, 0.2840,
0.3469


 122.5667, 0.2910,
0.3426

 38.1636, 0.2806,
0.3491


154.6362, 0.2926,
0.3416

 26.1097, 0.2763,
0.3518


191.8621, 0.2940,
0.3407

 16.9057, 0.2707,
0.3554

234.6286, 0.2952,
0.3399

 10.1673, 0.2629,
0.3604

283.3203, 0.2963,
0.3393

 5.5100, 0.2518,
0.3676

338.3215, 0.2972,

 2.5495, 0.2342,

0.3387

400.0165, 0.2981,
0.3381

0.3791

0.9014, 0.1733,
0.4153

0.0000, 0.0000,
0.0000

72.3589, 0.2868,
0.3452

72.3589, 0.2868,
0.3452

69.5098, 0.2766,
0.3534

75.6909, 0.2978,
0.3377

67.1113, 0.2676,
0.3622

79.5186, 0.3094,
0.3308

65.1409, 0.2601,
0.3715

83.8653, 0.3213,
0.3246

63.5708, 0.2543,
0.3812

85.4075, 0.3217,
0.3187

■ 62.3696, 0.2503,
0.3911

■ 85.7829, 0.3178,
0.3128

■ 61.5013, 0.2485,
0.4011

■ 86.1707, 0.3139,
0.3070

■ 60.9223, 0.2485,
0.4111

■ 86.1854, 0.3138,
0.3068

■ 60.6353, 0.2495,
0.4182

Harmonies

Analogous

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



72.3589, 0.3089, 0.3634



72.3589, 0.2868, 0.3452



72.3589, 0.2719, 0.3227

Triad

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



72.3589, 0.2868, 0.3452



72.3589, 0.2919, 0.2898



72.3589, 0.3600, 0.3523

Complementary

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



72.3589, 0.2868, 0.3452



53.2797, 0.3474, 0.3135

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.



72.3589, 0.3552, 0.3328



72.3589, 0.2868, 0.3452



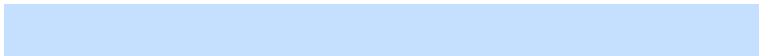
72.3589, 0.3152, 0.2977

Square

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



72.3589, 0.2868, 0.3452



72.3589, 0.2748, 0.2915



72.3589, 0.3386, 0.3132



72.3589, 0.3515, 0.3667

Rectangle

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



72.3589, 0.2868, 0.3452



72.3589, 0.2678, 0.3090



72.3589, 0.3386, 0.3132



72.3589, 0.3599, 0.3461

Sweetspot

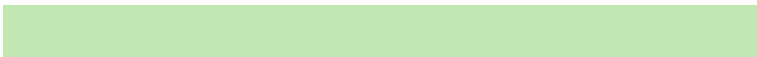
The Sweet Spot groups the original color and five complimentary colors.



72.3619, 0.2868, 0.3452



96.4705, 0.3044, 0.3336



72.3260, 0.3193, 0.3912



20.5867, 0.3037, 0.3340



0.0000, 0.0000, 0.0000



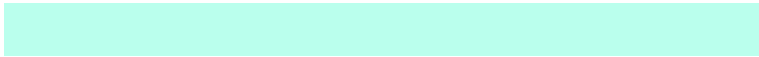
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3619, 0.2868, 0.3452



88.0818, 0.2823, 0.3487



66.4178, 0.2779, 0.3146



16.2680, 0.3017, 0.3353



33.6888, 0.2490, 0.4166



2.5046, 0.2450, 0.4021

Inverse Universe

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



53.2797, 0.3474, 0.3135



60.8166, 0.3560, 0.3103



57.8598, 0.3565, 0.3430



14.4302, 0.3251, 0.3228



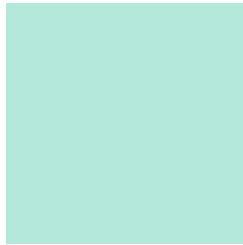
9.7306, 0.5879, 0.3012



0.7341, 0.5463, 0.2783

Previews

White Background



This preview shows how the Yxy color 72.3589, 0.2868, 0.3452 looks on a white background.

Color Contrast Check

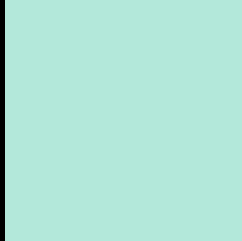
Large Text (above 18pt) WCAG AA × Fail

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 72.3589, 0.2868, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

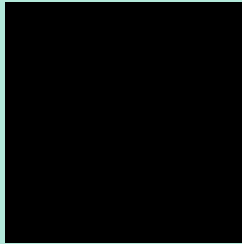
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

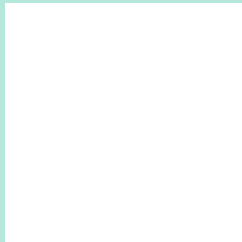
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3589, 0.2868, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 72.3589, 0.2868, 0.3452.

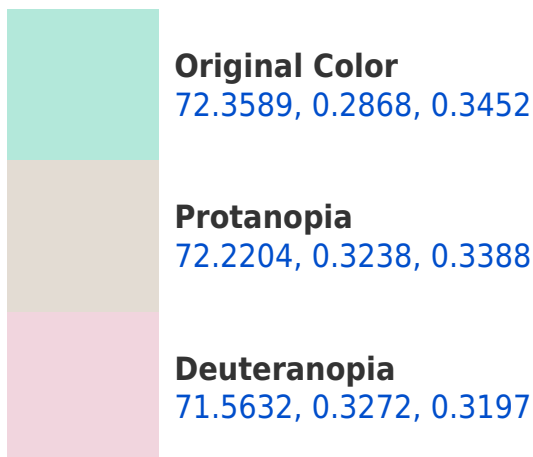


This preview shows how white text looks on a background with the Yxy color 72.3589, 0.2868, 0.3452.

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

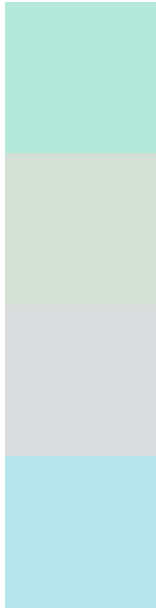




Tritanopia

72.4549, 0.2744, 0.3088

Trichromacy



Original Color

72.3589, 0.2868, 0.3452

Protanomaly

71.8680, 0.3094, 0.3401

Deuteranomaly

71.3123, 0.3106, 0.3279

Tritanomaly

72.1620, 0.2788, 0.3210

Monochromacy



Original Color

72.3589, 0.2868, 0.3452

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.2273, 0.3027, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3589, 0.2868, 0.3452 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(179, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(179, 232, 218)  
}
```

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(179, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 232, 218) }
```

Border

The CSS property to change the border of an element to Yxy 72.3589, 0.2868, 0.3452 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(179, 232, 218) }
```

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

```
.border{ border-color:rgb(179, 232, 218) }
```

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

Here you see how a box with a 4 pixel rgb(179, 232, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(179, 232,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3589, 0.2868, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 232, 218) }
```

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

```
.background{ background-color: rgb(179,  
232, 218) }
```

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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