

Converting Colors

$Yxy(72.1650, 0.2953, 0.3736)$

Have a look what the booklet for
Yxy(72.1650, 0.2953, 0.3736)
contains.

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Color

Yxy(72.3321, 0.2952, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	ADEBC5
RGB	173, 235, 197
RGB Percent	68%, 92%, 77%
CMY	0.3217, 0.0784, 0.2273
CMYK	0.26, 0.00, 0.16, 0.08
HSL	143°, 61%, 80%
HSV	143°, 26%, 92%
XYZ	57.0159, 72.3321, 63.7952
YIQ	212.1300, -24.7540, -24.9620

Conversions

Conversions Part 2

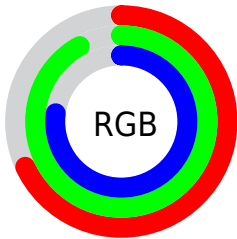
Format	Color
RYB	173, 218, 235
Decimal	11398085
CIELab	88.13, -27.14, 12.18
CIElCh	88, 29.749, 155.839
Yxy	72.3321, 0.2952, 0.3745
Android (android.graphics.Color)	4289588165 (0xFFADEC5)
YUV	212.1300, -7.4591, -34.3170
Hunter-Lab	85.0483, -29.1692, 15.0600

Details

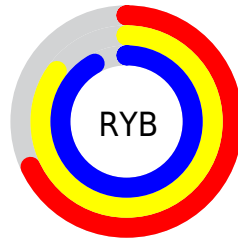
The Yxy color **72.3321, 0.2952, 0.3745** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.2371, 0.3355, 0.2876**, and the grayscale version is **65.9900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3338, 0.2975, 0.3300**, and **38.1453, 0.2907, 0.3866** is the 20% darker color. If you saturate the color by 10%, you get **69.2597, 0.2893, 0.3952**, and if you desaturate by 10%, it is **75.9446, 0.3016, 0.3557**.

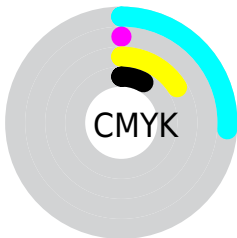
Distribution



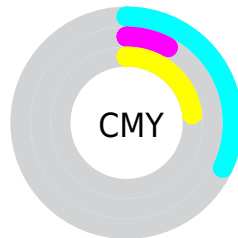
- Red (68%)
- Green (92%)
- Blue (77%)



- Red (68%)
- Yellow (85%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3321, 0.2952, 0.3745 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 72.3321, 0.2952, 0.3745 by changing the saturation by 10% instead.


 72.3321, 0.2952,
0.3745

 72.3321, 0.2952,
0.3745


468.6967, 0.3037,
0.3527

 53.4300, 0.2932,
0.3797


 122.5286, 0.2982,
0.3668

 38.1462, 0.2906,
0.3862


154.5917, 0.2994,
0.3638

 26.0961, 0.2873,
0.3945

191.8107, 0.3003,
0.3613

 16.8956, 0.2829,
0.4058

234.5699, 0.3012,
0.3591

 10.1601, 0.2765,
0.4216

283.2537, 0.3019,
0.3572

 5.5052, 0.2669,
0.4456


338.2465, 0.3026,

 2.5466, 0.2504,


0.3555


0.4858

399.9327, 0.3031,
0.3540


 0.8999, 0.1578,
0.7370


 0.0000, 0.0000,
0.0000


 72.3321, 0.2952,
0.3745


 72.3321, 0.2952,
0.3745

 69.2597, 0.2893,
0.3952

 75.9446, 0.3016,
0.3557


 66.6920, 0.2842,
0.4175

 80.1128, 0.3084,
0.3388

 64.6031, 0.2803,
0.4410

 84.8627, 0.3152,
0.3238

 62.9614, 0.2780,
0.4651

 87.8752, 0.3139,
0.3102

■ 61.7310, 0.2774,
0.4889

■ 87.9027, 0.3136,
0.3097

■ 60.8704, 0.2787,
0.5116

■ 60.3277, 0.2817,
0.5321

■ 60.1806, 0.2830,
0.5389

Harmonies

Analogous

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



72.3321, 0.3309, 0.3921



72.3321, 0.2952, 0.3745



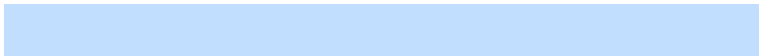
72.3321, 0.2653, 0.3425

Triad

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



72.3321, 0.2952, 0.3745



72.3321, 0.2628, 0.2709



72.3321, 0.3817, 0.3432

Complementary

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



72.3321, 0.2952, 0.3745



52.2371, 0.3355, 0.2876

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.



72.3321, 0.3613, 0.3139



72.3321, 0.2952, 0.3745



72.3321, 0.2915, 0.2736

Square

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



72.3321, 0.2952, 0.3745



72.3321, 0.2475, 0.2828



72.3321, 0.3277, 0.2891



72.3321, 0.3821, 0.3709

Rectangle

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



72.3321, 0.2952, 0.3745



72.3321, 0.2523, 0.3192



72.3321, 0.3277, 0.2891



72.3321, 0.3769, 0.3333

Sweetspot

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



72.3351, 0.2952, 0.3745



95.5558, 0.3073, 0.3414



76.3206, 0.3354, 0.3988



20.2848, 0.3062, 0.3439



0.0000, 0.0000, 0.0000



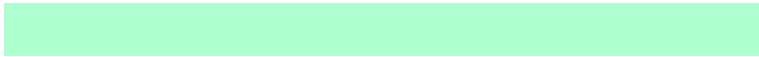
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3351, 0.2952, 0.3745



84.8600, 0.2917, 0.3862



73.8914, 0.2780, 0.3373



16.9589, 0.3063, 0.3438



33.5131, 0.2822, 0.5360



2.6499, 0.2745, 0.5081

Inverse Universe

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



52.2371, 0.3355, 0.2876



56.6475, 0.3420, 0.2782



50.8402, 0.3628, 0.3210



15.2090, 0.3197, 0.3147



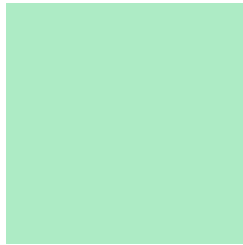
10.9738, 0.4488, 0.2246



0.8805, 0.4263, 0.2122

Previews

White Background



This preview shows how the Yxy color 72.3321, 0.2952, 0.3745 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 72.3321, 0.2952, 0.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

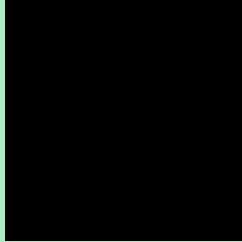
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

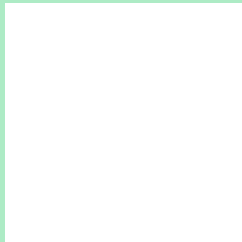
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3321, 0.2952, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 72.3321, 0.2952, 0.3745.



This preview shows how white text looks on a background with the Yxy color 72.3321, 0.2952, 0.3745.

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

72.3321, 0.2952, 0.3745

Protanopia

71.8494, 0.3420, 0.3628

Deuteranopia

71.8092, 0.3470, 0.3406



Tritanopia

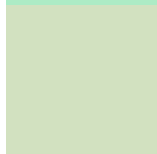
72.0857, 0.2727, 0.3087

Trichromacy



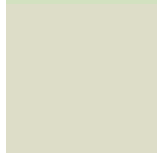
Original Color

72.3321, 0.2952, 0.3745



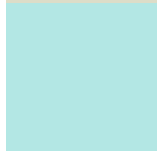
Protanomaly

71.3578, 0.3237, 0.3665



Deuteranomaly

71.2552, 0.3268, 0.3523



Tritanomaly

72.3370, 0.2811, 0.3324

Monochromacy



Original Color

72.3321, 0.2952, 0.3745



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.6972, 0.3057, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3321, 0.2952, 0.3745 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(173, 235, 197)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 197)  
}
```

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(173, 235, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 197) }
```

Border

The CSS property to change the border of an element to Yxy 72.3321, 0.2952, 0.3745 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(173, 235, 197) }
```

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

```
.border{ border-color:rgb(173, 235, 197) }
```

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

Here you see how a box with a 4 pixel rgb(173, 235, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 197);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3321, 0.2952, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 197) }
```

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

```
.background{ background-color: rgb(173,  
235, 197) }
```

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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