

Converting Colors

$Yxy(73.2836, 0.3025, 0.3526)$

Have a look what the booklet for
Yxy(73.2836, 0.3025, 0.3526)
contains.

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Color

Yxy(73.5407, 0.3022, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	C4E7D2
RGB	196, 231, 210
RGB Percent	77%, 91%, 82%
CMY	0.2314, 0.0941, 0.1763
CMYK	0.15, 0.00, 0.09, 0.09
HSL	144°, 42%, 84%
HSV	144°, 15%, 91%
XYZ	62.9753, 73.5407, 71.8736
YIQ	218.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

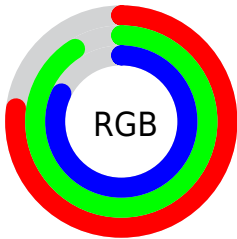
Format	Color
RYB	196, 221, 231
Decimal	12904402
CIELab	88.70, -15.42, 6.39
CIELCh	89, 16.690, 157.507
Yxy	73.5407, 0.3022, 0.3529
Android (android.graphics.Color)	4291094482 (0xFFC4E7D2)
YUV	218.1410, -4.0135, -19.4177
Hunter-Lab	85.7559, -18.9902, 10.3371

Details

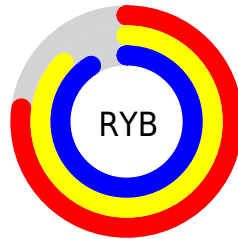
The Yxy color **73.5407, 0.3022, 0.3529** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4724, 0.3249, 0.3062**, and the grayscale version is **70.2510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **38.8110, 0.2993, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **70.0209, 0.2955, 0.3710**, and if you desaturate by 10%, it is **77.6032, 0.3091, 0.3367**.

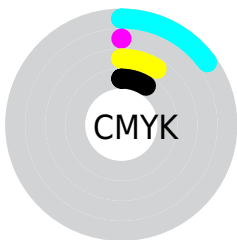
Distribution



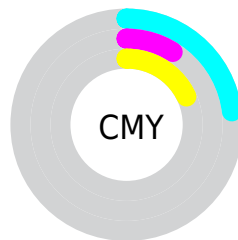
- Red (77%)
- Green (91%)
- Blue (82%)



- Red (77%)
- Yellow (87%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)




- Cyan (23%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5407, 0.3022, 0.3529 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 73.5407, 0.3022, 0.3529 by changing the saturation by 10% instead.


 73.5407, 0.3022,
0.3529

 73.5407, 0.3022,
0.3529


472.8867, 0.3072,
0.3417

 54.4182, 0.3010,
0.3555


124.2445, 0.3039,
0.3490

 38.9361, 0.2996,
0.3588


156.5946, 0.3046,
0.3474

 26.7100, 0.2978,
0.3630


194.1227, 0.3052,
0.3461

 17.3556, 0.2953,
0.3685

237.2131, 0.3057,
0.3450

 10.4883, 0.2919,
0.3762

286.2504, 0.3061,
0.3440

 5.7239, 0.2868,
0.3876


341.6188, 0.3065,

 2.6779, 0.2786,

0.3431

0.4062


403.7027, 0.3069,
0.3424


 0.9660, 0.2559,
0.4582


 0.0000, 0.0000,
0.0000

 73.5407, 0.3022,
0.3529

 73.5407, 0.3022,
0.3529


 70.0209, 0.2955,
0.3710

 77.6032, 0.3091,
0.3367


 67.0113, 0.2894,
0.3910

 82.2208, 0.3161,
0.3222

 64.4900, 0.2841,
0.4126

 85.4129, 0.3160,
0.3091

 62.4297, 0.2799,
0.4354

 85.6342, 0.3138,
0.3058

■ 60.8007, 0.2772,
0.4589

■ 59.5692, 0.2763,
0.4824

■ 58.6965, 0.2773,
0.5049

■ 58.1350, 0.2801,
0.5256

■ 57.9391, 0.2819,
0.5348

Harmonies

Analogous

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



73.5407, 0.3223, 0.3631



73.5407, 0.3022, 0.3529



73.5407, 0.2853, 0.3357

Triad

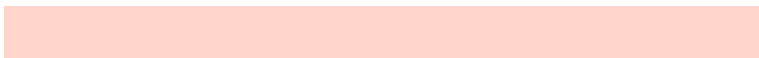
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5407, 0.3022, 0.3529



73.5407, 0.2852, 0.2958



73.5407, 0.3512, 0.3388

Complementary

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



73.5407, 0.3022, 0.3529



61.4724, 0.3249, 0.3062

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.



73.5407, 0.3406, 0.3217



73.5407, 0.3022, 0.3529



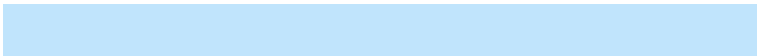
73.5407, 0.3022, 0.2974

Square

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



73.5407, 0.3022, 0.3529



73.5407, 0.2757, 0.3027



73.5407, 0.3225, 0.3068



73.5407, 0.3510, 0.3541

Rectangle

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



73.5407, 0.3022, 0.3529



73.5407, 0.2779, 0.3232



73.5407, 0.3225, 0.3068



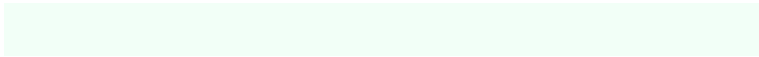
73.5407, 0.3488, 0.3331

Sweetspot

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



73.5438, 0.3022, 0.3529



97.1795, 0.3092, 0.3365



75.8908, 0.3254, 0.3677



20.7186, 0.3087, 0.3375



0.0000, 0.0000, 0.0000



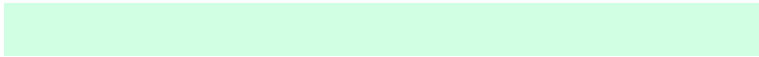
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5438, 0.3022, 0.3529



90.6646, 0.3002, 0.3580



74.4625, 0.2918, 0.3329



16.1845, 0.3061, 0.3434



32.5032, 0.2811, 0.5318



2.4198, 0.2729, 0.5025

Inverse Universe

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



61.4724, 0.3249, 0.3062



73.0000, 0.3276, 0.3017



60.6115, 0.3383, 0.3252



14.5122, 0.3199, 0.3150



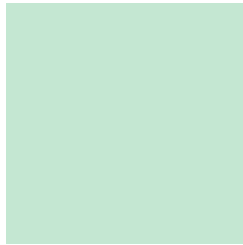
10.5831, 0.4541, 0.2275



0.8003, 0.4294, 0.2139

Previews

White Background



This preview shows how the Yxy color 73.5407, 0.3022, 0.3529 looks on a white background.

Color Contrast Check

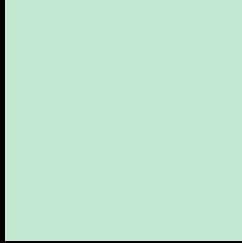
Large Text (above 18pt) WCAG AA × Fail

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 73.5407, 0.3022, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

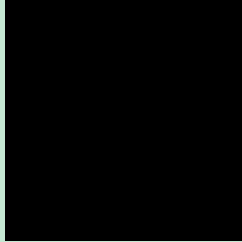
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

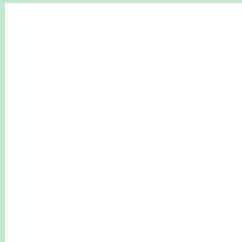
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5407, 0.3022, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 73.5407, 0.3022, 0.3529.

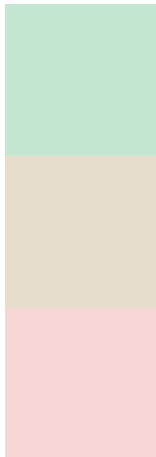


This preview shows how white text looks on a background with the Yxy color 73.5407, 0.3022, 0.3529.

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

73.5407, 0.3022, 0.3529

Protanopia

72.9437, 0.3300, 0.3463

Deuteranopia

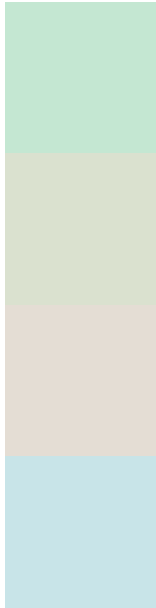
73.1791, 0.3379, 0.3311



Tritanopia

73.4809, 0.2858, 0.3093

Trichromacy



Original Color

73.5407, 0.3022, 0.3529

Protanomaly

73.2608, 0.3195, 0.3489

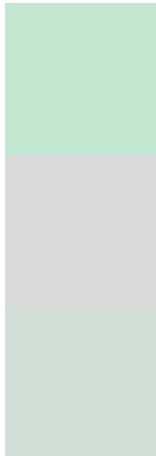
Deuteranomaly

72.9603, 0.3238, 0.3387

Tritanomaly

73.5924, 0.2916, 0.3245

Monochromacy



Original Color

73.5407, 0.3022, 0.3529

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.3833, 0.3088, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5407, 0.3022, 0.3529 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(196, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 231, 210)  
}
```

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(196, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 231, 210) }
```

Border

The CSS property to change the border of an element to Yxy 73.5407, 0.3022, 0.3529 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(196, 231, 210) }
```

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

```
.border{ border-color:rgb(196, 231, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 231,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5407, 0.3022, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 231, 210) }
```

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

```
.background{ background-color: rgb(196,  
231, 210) }
```

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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