

Converting Colors

$Yxy(72.3524, 0.3015, 0.3495)$

Have a look what the booklet for
Yxy(72.3524, 0.3015, 0.3495)
contains.

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Color

Yxy(72.4775, 0.3016, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	C4E5D3
RGB	196, 229, 211
RGB Percent	77%, 90%, 83%
CMY	0.2317, 0.1019, 0.1726
CMYK	0.14, 0.00, 0.08, 0.10
HSL	147°, 39%, 83%
HSV	147°, 14%, 90%
XYZ	62.5264, 72.4775, 72.3116
YIQ	217.0810, -13.8900, -12.5940

Conversions

Conversions Part 2

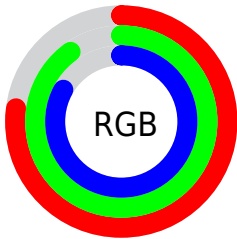
Format	Color
RYB	196, 219, 229
Decimal	12903891
CIELab	88.20, -14.27, 5.16
CIElCh	88, 15.177, 160.132
Yxy	72.4775, 0.3016, 0.3496
Android (android.graphics.Color)	4291093971 (0xFFC4E5D3)
YUV	217.0810, -2.9979, -18.4880
Hunter-Lab	85.1337, -17.8849, 9.2333

Details

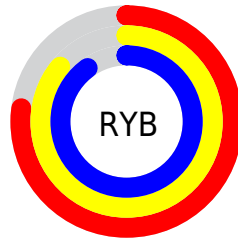
The Yxy color **72.4775, 0.3016, 0.3496** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9628, 0.3256, 0.3093**, and the grayscale version is **69.4673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **38.0722, 0.2985, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **69.0396, 0.2942, 0.3659**, and if you desaturate by 10%, it is **76.4388, 0.3093, 0.3350**.

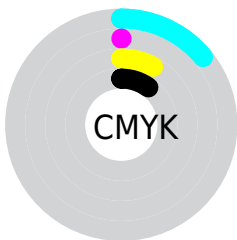
Distribution



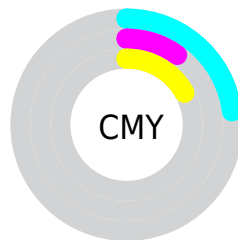
- Red (77%)
- Green (90%)
- Blue (83%)



- Red (77%)
- Yellow (86%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (23%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4775, 0.3016, 0.3496 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 72.4775, 0.3016, 0.3496 by changing the saturation by 10% instead.

■ 72.4775, 0.3016,
0.3496

■ 72.4775, 0.3016,
0.3496

469.2019, 0.3068,
0.3399

■ 53.5488, 0.3004,
0.3519

122.7352, 0.3034,
0.3462

■ 38.2411, 0.2989,
0.3547

154.8330, 0.3041,
0.3449

■ 26.1699, 0.2969,
0.3583

192.0892, 0.3047,
0.3438

■ 16.9508, 0.2944,
0.3631

234.8884, 0.3053,
0.3428

■ 10.1994, 0.2908,
0.3697

283.6149, 0.3057,
0.3419

■ 5.5314, 0.2856,
0.3795

338.6530, 0.3061,

■ 2.5623, 0.2770,

0.3412

400.3872, 0.3065,
0.3405

0.3956

0.9077, 0.2509,
0.4429

0.0000, 0.0000,
0.0000

72.4775, 0.3016,
0.3496

72.4775, 0.3016,
0.3496

69.0396, 0.2942,
0.3659

76.4388, 0.3093,
0.3350

66.0938, 0.2874,
0.3838

80.9353, 0.3170,
0.3220

63.6190, 0.2815,
0.4032

84.1162, 0.3181,
0.3101

61.5893, 0.2767,
0.4238

84.5320, 0.3139,
0.3039

■ 59.9761, 0.2735,
0.4452

■ 58.7471, 0.2721,
0.4668

■ 57.8654, 0.2727,
0.4878

■ 57.2858, 0.2753,
0.5077

■ 57.0555, 0.2772,
0.5180

Harmonies

Analogous

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



72.4775, 0.3199, 0.3596



72.4775, 0.3016, 0.3496



72.4775, 0.2865, 0.3337

Triad

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



72.4775, 0.3016, 0.3496



72.4775, 0.2887, 0.2984



72.4775, 0.3482, 0.3394

Complementary

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



72.4775, 0.3016, 0.3496



60.9628, 0.3256, 0.3093

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.



72.4775, 0.3394, 0.3237



72.4775, 0.3016, 0.3496



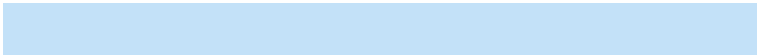
72.4775, 0.3047, 0.3005

Square

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



72.4775, 0.3016, 0.3496



72.4775, 0.2793, 0.3042



72.4775, 0.3233, 0.3097



72.4775, 0.3472, 0.3530

Rectangle

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



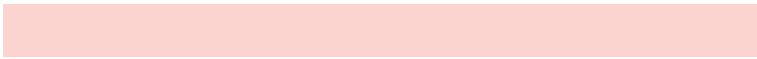
72.4775, 0.3016, 0.3496



72.4775, 0.2802, 0.3223



72.4775, 0.3233, 0.3097



72.4775, 0.3463, 0.3342

Sweetspot

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



72.4806, 0.3016, 0.3496



97.7636, 0.3096, 0.3344



74.3501, 0.3236, 0.3660



20.8381, 0.3090, 0.3354



0.0000, 0.0000, 0.0000



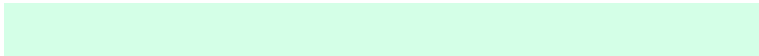
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4806, 0.3016, 0.3496



91.2557, 0.2996, 0.3538



73.3446, 0.2918, 0.3308



16.1977, 0.3054, 0.3421



32.6374, 0.2764, 0.5152



2.4303, 0.2686, 0.4870

Inverse Universe

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



60.9628, 0.3256, 0.3093



74.1864, 0.3283, 0.3055



60.1675, 0.3382, 0.3272



14.4988, 0.3207, 0.3163



10.3927, 0.4764, 0.2398



0.7867, 0.4475, 0.2239

Previews

White Background



This preview shows how the Yxy color 72.4775, 0.3016, 0.3496 looks on a white background.

Color Contrast Check

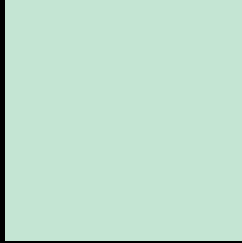
Large Text (above 18pt) WCAG AA × Fail

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 72.4775, 0.3016, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

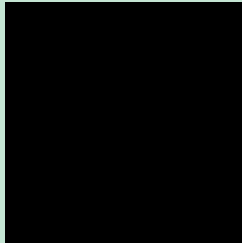
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

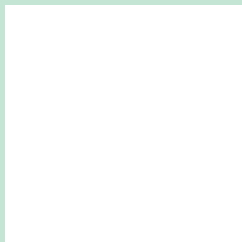
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4775, 0.3016, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 72.4775, 0.3016, 0.3496.



This preview shows how white text looks on a background with the Yxy color 72.4775, 0.3016, 0.3496.

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

72.4775, 0.3016, 0.3496

Protanopia

72.1366, 0.3280, 0.3442

Deuteranopia

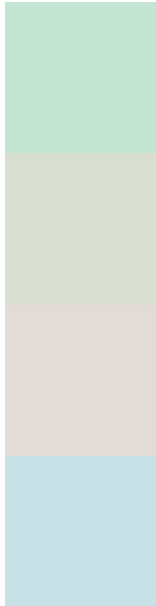
72.3607, 0.3358, 0.3291



Tritanopia

72.1396, 0.2862, 0.3092

Trichromacy



Original Color

72.4775, 0.3016, 0.3496

Protanomaly

71.9283, 0.3176, 0.3457

Deuteranomaly

71.7980, 0.3225, 0.3355

Tritanomaly

72.3043, 0.2915, 0.3234

Monochromacy



Original Color

72.4775, 0.3016, 0.3496

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.1745, 0.3082, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4775, 0.3016, 0.3496 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, 229, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 229, 211)  
}
```

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, 229, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 229, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.4775, 0.3016, 0.3496 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, 229, 211) }
```

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

```
.border{ border-color:rgb(196, 229, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 229, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 229, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 229, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 229,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4775, 0.3016, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 229, 211) }
```

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

```
.background{ background-color: rgb(196,  
229, 211) }
```

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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