

Converting Colors

$Y_{xy}(74.1770, 0.3019, 0.3379)$

Have a look what the booklet for
Yxy(74.1770, 0.3019, 0.3379)
contains.

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Color

Yxy(74.2382, 0.3015, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	CDE5DD
RGB	205, 229, 221
RGB Percent	80%, 90%, 87%
CMY	0.1961, 0.1019, 0.1334
CMYK	0.10, 0.00, 0.04, 0.10
HSL	160°, 32%, 85%
HSV	160°, 10%, 90%
XYZ	66.2410, 74.2382, 79.2255
YIQ	220.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

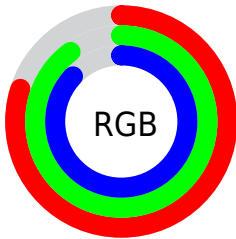
Format	Color
R_{YB}	205, 219, 229
Decimal	13493725
CIE _{Lab}	89.03, -9.44, 1.21
CIE _{LCh}	89, 9.512, 172.702
Yxy	74.2382, 0.3015, 0.3379
Android (android.graphics.Color)	4291683805 (0xFFCDE5DD)
YUV	220.9120, 0.0434, -13.9548
Hunter-Lab	86.1616, -13.5522, 5.7960

Details

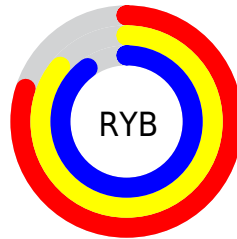
The Yxy color **74.2382, 0.3015, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1208, 0.3254, 0.3203**, and the grayscale version is **72.2463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6046, 0.2991, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **70.8205, 0.2912, 0.3473**, and if you desaturate by 10%, it is **78.1574, 0.3122, 0.3294**.

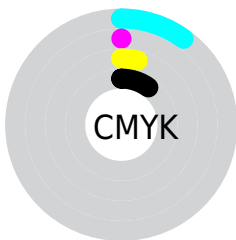
Distribution



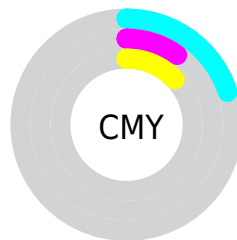
- Red (80%)
- Green (90%)
- Blue (87%)



- Red (80%)
- Yellow (86%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)




- Cyan (20%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2382, 0.3015, 0.3379 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 74.2382, 0.3015, 0.3379 by changing the saturation by 10% instead.


 74.2382, 0.3015,
0.3379

 74.2382, 0.3015,
0.3379


475.2951, 0.3067,
0.3338

 54.9890, 0.3003,
0.3388


125.2334, 0.3033,
0.3365

 39.3929, 0.2989,
0.3400

157.7482, 0.3040,
0.3359

 27.0655, 0.2970,
0.3415


195.4537, 0.3046,
0.3354

 17.6225, 0.2946,
0.3434

238.7343, 0.3051,
0.3350

 10.6793, 0.2913,
0.3461

287.9743, 0.3056,
0.3347

 5.8516, 0.2865,
0.3500

343.5582, 0.3060,

 2.7551, 0.2789,

0.3343

0.3561

405.8703, 0.3064,
0.3340

■ 1.0052, 0.2638,
0.3681

■ 0.0000, 0.0000,
0.0000

■ 74.2382, 0.3015,
0.3379

■ 74.2382, 0.3015,
0.3379

■ 70.8205, 0.2912,
0.3473

■ 78.1574, 0.3122,
0.3294

■ 67.8742, 0.2817,
0.3576

■ 82.5884, 0.3231,
0.3218

■ 65.3798, 0.2731,
0.3688

■ 83.8343, 0.3210,
0.3144

■ 63.3133, 0.2658,
0.3807

■ 84.3094, 0.3160,
0.3071

■ 61.6481, 0.2602,
0.3931

■ 84.5252, 0.3139,
0.3039

■ 60.3544, 0.2564,
0.4060

■ 59.3986, 0.2546,
0.4189

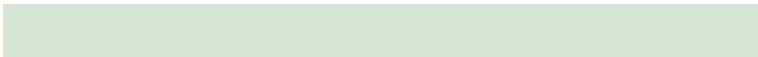
■ 58.7403, 0.2548,
0.4318

■ 58.3253, 0.2566,
0.4439

Harmonies

Analogous

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



74.2382, 0.3125, 0.3458



74.2382, 0.3015, 0.3379



74.2382, 0.2936, 0.3276

Triad

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



74.2382, 0.3015, 0.3379



74.2382, 0.3016, 0.3097



74.2382, 0.3352, 0.3395

Complementary

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



74.2382, 0.3015, 0.3379



65.1208, 0.3254, 0.3203

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.



74.2382, 0.3322, 0.3300



74.2382, 0.3015, 0.3379



74.2382, 0.3126, 0.3130

Square

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



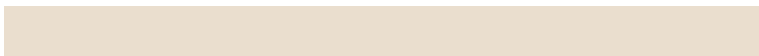
74.2382, 0.3015, 0.3379



74.2382, 0.2936, 0.3114



74.2382, 0.3239, 0.3203



74.2382, 0.3320, 0.3466

Rectangle

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



74.2382, 0.3015, 0.3379



74.2382, 0.2911, 0.3209



74.2382, 0.3239, 0.3203



74.2382, 0.3349, 0.3365

Sweetspot

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



74.2413, 0.3015, 0.3379



98.4141, 0.3095, 0.3315



74.6575, 0.3173, 0.3557



20.9761, 0.3086, 0.3321



0.0000, 0.0000, 0.0000



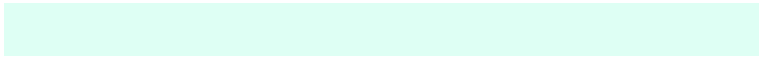
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2413, 0.3015, 0.3379



93.5521, 0.2988, 0.3403



72.7061, 0.2966, 0.3250



16.2501, 0.3026, 0.3370



33.3669, 0.2561, 0.4419



2.4828, 0.2509, 0.4233

Inverse Universe

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



65.1208, 0.3254, 0.3203



79.3027, 0.3289, 0.3180



66.4666, 0.3308, 0.3330



14.4471, 0.3240, 0.3212



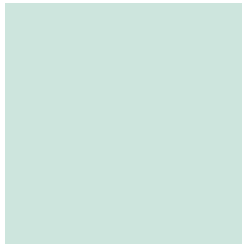
9.8475, 0.5630, 0.2875



0.7445, 0.5219, 0.2649

Previews

White Background



This preview shows how the Yxy color 74.2382, 0.3015, 0.3379 looks on a white background.

Color Contrast Check

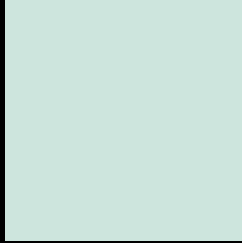
Large Text (above 18pt) WCAG AA × Fail

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 74.2382, 0.3015, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

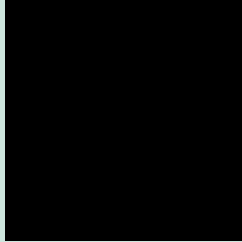
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

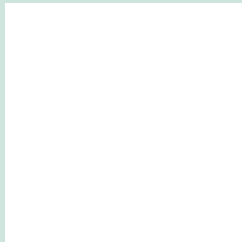
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2382, 0.3015, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 74.2382, 0.3015, 0.3379.

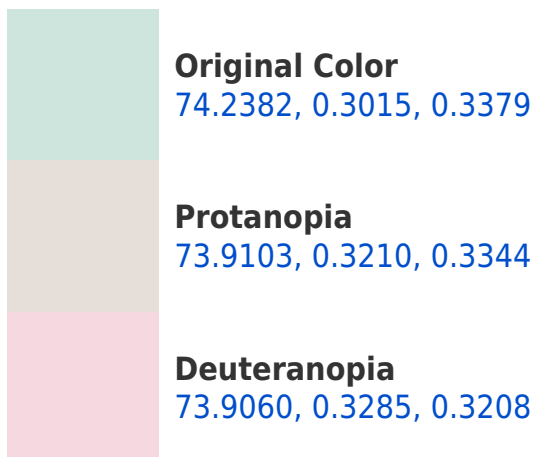


This preview shows how white text looks on a background with the Yxy color 74.2382, 0.3015, 0.3379.

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

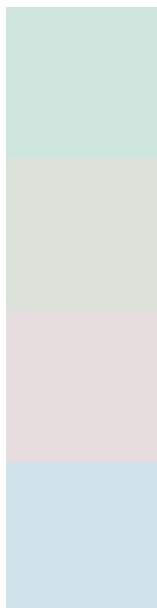




Tritanopia

74.4797, 0.2902, 0.3096

Trichromacy



Original Color

74.2382, 0.3015, 0.3379

Protanomaly

74.1280, 0.3138, 0.3366

Deuteranomaly

73.8636, 0.3178, 0.3269

Tritanomaly

74.4042, 0.2944, 0.3192

Monochromacy



Original Color

74.2382, 0.3015, 0.3379

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9788, 0.3084, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2382, 0.3015, 0.3379 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(205, 229, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 229, 221)  
}
```

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(205, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 229, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.2382, 0.3015, 0.3379 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(205, 229, 221) }
```

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

```
.border{ border-color:rgb(205, 229, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 229, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(205, 229,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2382, 0.3015, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 229, 221) }
```

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

```
.background{ background-color: rgb(205,  
229, 221) }
```

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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