

Converting Colors

$Yxy(72.8462, 0.2974, 0.3400)$

Have a look what the booklet for
Yxy(72.8462, 0.2974, 0.3400)
contains.

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Color

Yxy(73.0234, 0.2974, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	C5E5DB
RGB	197, 229, 219
RGB Percent	77%, 90%, 86%
CMY	0.2277, 0.1019, 0.1412
CMYK	0.14, 0.00, 0.04, 0.10
HSL	161°, 38%, 84%
HSV	161°, 14%, 90%
XYZ	63.8177, 73.0234, 77.7443
YIQ	218.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

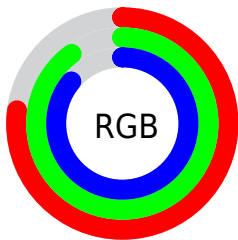
Format	Color
RYB	197, 216, 229
Decimal	12969435
CIELab	88.46, -12.43, 1.34
CIELCh	88, 12.497, 173.830
Yxy	73.0234, 0.2974, 0.3403
Android (android.graphics.Color)	4291159515 (0xFFC5E5DB)
YUV	218.2920, 0.3490, -18.6731
Hunter-Lab	85.4537, -16.2385, 5.8766

Details

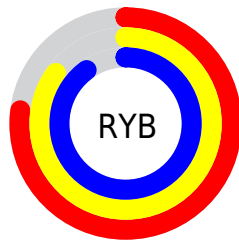
The Yxy color **73.0234, 0.2974, 0.3403** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.0677, 0.3308, 0.3180**, and the grayscale version is **70.3227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **38.7921, 0.2940, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **69.7984, 0.2871, 0.3494**, and if you desaturate by 10%, it is **76.7403, 0.3083, 0.3321**.

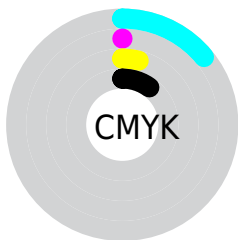
Distribution



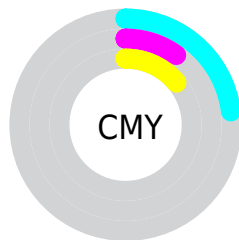
- Red (77%)
- Green (90%)
- Blue (86%)



- Red (77%)
- Yellow (85%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (23%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0234, 0.2974, 0.3403 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 73.0234, 0.2974, 0.3403 by changing the saturation by 10% instead.

■ 73.0234, 0.2974,
0.3403

■ 73.0234, 0.2974,
0.3403

471.0959, 0.3045,
0.3351

■ 53.9951, 0.2958,
0.3415

123.5104, 0.2999,
0.3385

■ 38.5977, 0.2938,
0.3430

155.7379, 0.3008,
0.3378

■ 26.4469, 0.2912,
0.3449

193.1340, 0.3017,
0.3372

■ 17.1583, 0.2879,
0.3474

236.0830, 0.3024,
0.3366

■ 10.3474, 0.2833,
0.3509

284.9692, 0.3030,
0.3362

■ 5.6299, 0.2766,
0.3559

340.1772, 0.3036,

■ 2.6214, 0.2661,

0.3357

0.3639

402.0913, 0.3041,
0.3354

0.9374, 0.2395,
0.3826

0.0000, 0.0000,
0.0000

73.0234, 0.2974,
0.3403

73.0234, 0.2974,
0.3403

69.7984, 0.2871,
0.3494

76.7403, 0.3083,
0.3321

67.0349, 0.2776,
0.3593


80.9599, 0.3194,
0.3247


64.7129, 0.2692,
0.3699


83.6297, 0.3232,
0.3178

62.8075, 0.2623,
0.3811


84.0647, 0.3186,
0.3109

 61.2913, 0.2571,
0.3928


 84.5166, 0.3140,
0.3041

 60.1332, 0.2538,
0.4048

 84.5307, 0.3139,
0.3039

 59.2977, 0.2525,
0.4168

 58.7412, 0.2533,
0.4287

 58.5005, 0.2544,
0.4358

Harmonies

Analogous

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



73.0234, 0.3117, 0.3511



73.0234, 0.2974, 0.3403



73.0234, 0.2873, 0.3265

Triad

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



73.0234, 0.2974, 0.3403



73.0234, 0.2985, 0.3037



73.0234, 0.3425, 0.3432

Complementary

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



73.0234, 0.2974, 0.3403



61.0677, 0.3308, 0.3180

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.



73.0234, 0.3388, 0.3306



73.0234, 0.2974, 0.3403



73.0234, 0.3131, 0.3083

Square

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



73.0234, 0.2974, 0.3403



73.0234, 0.2879, 0.3056



73.0234, 0.3280, 0.3180



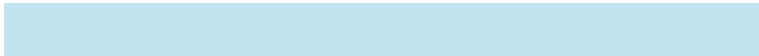
73.0234, 0.3380, 0.3524

Rectangle

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



73.0234, 0.2974, 0.3403



73.0234, 0.2842, 0.3177



73.0234, 0.3280, 0.3180



73.0234, 0.3422, 0.3392

Sweetspot

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



73.0265, 0.2974, 0.3403



97.9129, 0.3083, 0.3321



73.3582, 0.3180, 0.3653



20.8759, 0.3074, 0.3327



0.0000, 0.0000, 0.0000



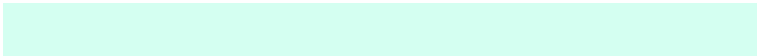
21.4041, 0.3127, 0.3290

Same Dimension

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



73.0265, 0.2974, 0.3403



91.8431, 0.2941, 0.3430



70.3697, 0.2912, 0.3223



16.2557, 0.3023, 0.3364



33.4631, 0.2539, 0.4339



2.4894, 0.2491, 0.4167

Inverse Universe

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



61.0677, 0.3308, 0.3180



73.6192, 0.3355, 0.3154



63.3156, 0.3377, 0.3356



14.4418, 0.3243, 0.3217



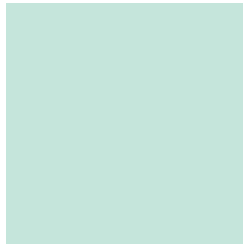
9.8076, 0.5712, 0.2920



0.7410, 0.5297, 0.2691

Previews

White Background



This preview shows how the Yxy color 73.0234, 0.2974, 0.3403 looks on a white background.

Color Contrast Check

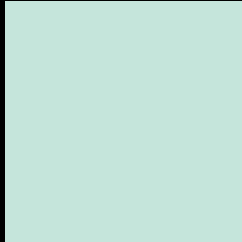
Large Text (above 18pt) WCAG AA × Fail

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 73.0234, 0.2974, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

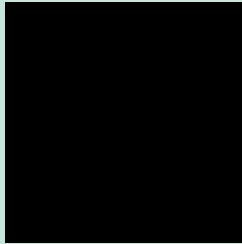
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

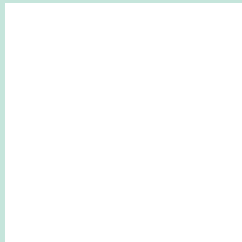
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0234, 0.2974, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 73.0234, 0.2974, 0.3403.

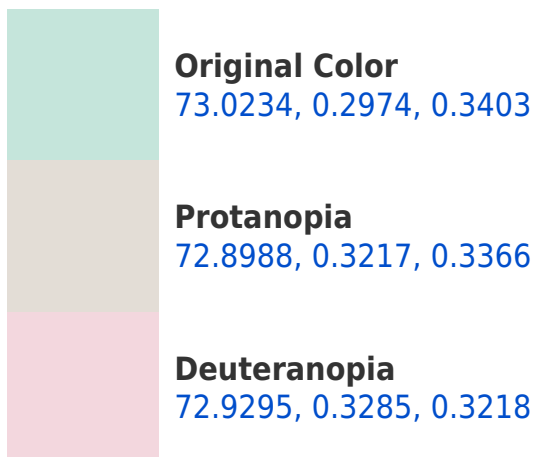


This preview shows how white text looks on a background with the Yxy color 73.0234, 0.2974, 0.3403.

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

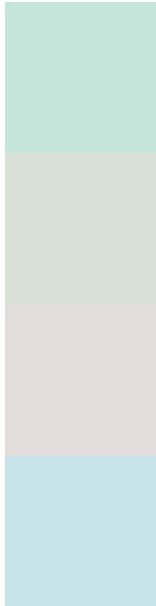




Tritanopia

72.7390, 0.2856, 0.3092

Trichromacy



Original Color

73.0234, 0.2974, 0.3403

Protanomaly

72.8681, 0.3123, 0.3378

Deuteranomaly

72.5756, 0.3163, 0.3279

Tritanomaly

72.6126, 0.2903, 0.3201

Monochromacy



Original Color

73.0234, 0.2974, 0.3403

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0061, 0.3069, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0234, 0.2974, 0.3403 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(197, 229, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 229, 219)  
}
```

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(197, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 229, 219) }
```

Border

The CSS property to change the border of an element to Yxy 73.0234, 0.2974, 0.3403 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(197, 229, 219) }
```

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

```
.border{ border-color:rgb(197, 229, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 229, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 229, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 229, 219); box-shadow:4px 4px 4px 4px rgb(197, 229, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0234, 0.2974, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 229, 219) }
```

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

```
.background{ background-color: rgb(197,  
229, 219) }
```

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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