

Converting Colors

$Y_{xy}(75.0299, 0.3025, 0.3301)$

Have a look what the booklet for
Yxy(75.0299, 0.3025, 0.3301)
contains.

Yxy(75.0299, 0.3025, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.0299, 0.3025, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D4E4E3
RGB	212, 228, 227
RGB Percent	83%, 89%, 89%
CMY	0.1686, 0.1059, 0.1099
CMYK	0.07, 0.00, 0.00, 0.11
HSL	176°, 23%, 86%
HSV	176°, 7%, 89%
XYZ	68.7566, 75.0299, 83.5080
YIQ	223.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

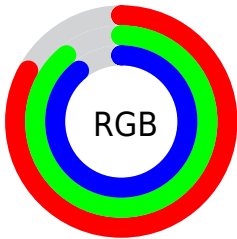
Format	Color
R_{YB}	212, 220, 228
Decimal	13952227
CIE _{Lab}	89.41, -5.50, -1.33
CIE _{LCh}	89, 5.656, 193.648
Yxy	75.0299, 0.3025, 0.3301
Android (android.graphics.Color)	4292142307 (0xFFD4E4E3)
YUV	223.1020, 1.9217, -9.7365
Hunter-Lab	86.6198, -9.8959, 3.4739

Details

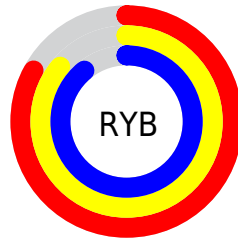
The Yxy color **75.0299, 0.3025, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3899, 0.3239, 0.3279**, and the grayscale version is **73.8600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0338, 0.2995, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **71.7989, 0.2885, 0.3318**, and if you desaturate by 10%, it is **78.7464, 0.3171, 0.3286**.

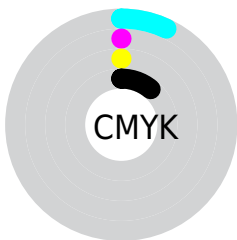
Distribution



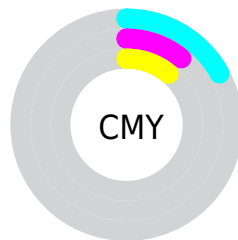
- Red (83%)
- Green (89%)
- Blue (89%)



- Red (83%)
- Yellow (86%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0299, 0.3025, 0.3301 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 75.0299, 0.3025, 0.3301 by changing the saturation by 10% instead.

■ 75.0299, 0.3025,
0.3301

■ 75.0299, 0.3025,
0.3301

478.0203, 0.3072,
0.3296

■ 55.6374, 0.3014,
0.3302

126.3547, 0.3041,
0.3299

■ 39.9123, 0.3001,
0.3303

159.0557, 0.3048,
0.3299

■ 27.4701, 0.2985,
0.3305

196.9618, 0.3053,
0.3298

■ 17.9266, 0.2963,
0.3307

240.4572, 0.3058,
0.3298

■ 10.8973, 0.2933,
0.3310

289.9263, 0.3062,
0.3297

■ 5.9978, 0.2891,
0.3313

345.7537, 0.3066,

■ 2.8438, 0.2826,

0.3297

0.3319

408.3235, 0.3069,
0.3297

■ 1.0507, 0.2709,
0.3327

■ 0.0000, 0.0000,
0.0000

■ 75.0299, 0.3025,
0.3301

■ 75.0299, 0.3025,
0.3301

■ 71.7989, 0.2885,
0.3318

■ 78.7464, 0.3171,
0.3286

■ 69.0240, 0.2756,
0.3336

■ 82.4604, 0.3303,
0.3271


■ 66.6870, 0.2639,
0.3356

■ 82.5439, 0.3293,
0.3257

■ 64.7648, 0.2537,
0.3377


■ 82.6281, 0.3283,
0.3242

 63.2324, 0.2453,
0.3398

 82.7130, 0.3274,
0.3228


 62.0618, 0.2388,
0.3420

 82.7986, 0.3264,
0.3213

 61.2214, 0.2342,
0.3442

 82.8849, 0.3254,
0.3199

 60.6742, 0.2315,
0.3464

 82.9719, 0.3244,
0.3184

 60.3723, 0.2305,
0.3485

 83.0597, 0.3234,
0.3170

Harmonies

Analogous

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



75.0299, 0.3079, 0.3359



75.0299, 0.3025, 0.3301



75.0299, 0.2998, 0.3241

Triad

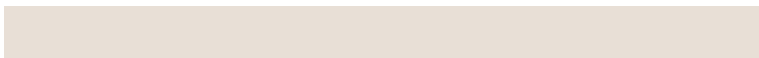
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0299, 0.3025, 0.3301



75.0299, 0.3106, 0.3185



75.0299, 0.3251, 0.3384

Complementary

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



75.0299, 0.3025, 0.3301



68.3899, 0.3239, 0.3279

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.



75.0299, 0.3258, 0.3337



75.0299, 0.3025, 0.3301



75.0299, 0.3175, 0.3223

Square

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



75.0299, 0.3025, 0.3301



75.0299, 0.3045, 0.3175



75.0299, 0.3230, 0.3278



75.0299, 0.3210, 0.3407

Rectangle

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



75.0299, 0.3025, 0.3301



75.0299, 0.2999, 0.3208



75.0299, 0.3230, 0.3278



75.0299, 0.3257, 0.3371

Sweetspot

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



75.0331, 0.3025, 0.3301



99.0242, 0.3098, 0.3293



74.4014, 0.3126, 0.3467



21.2055, 0.3099, 0.3293



0.0000, 0.0000, 0.0000



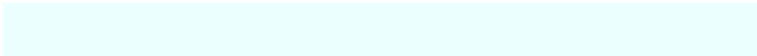
21.4041, 0.3127, 0.3290

Same Dimension

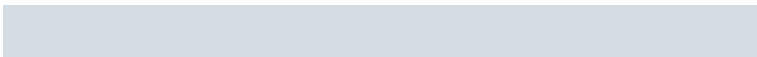
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0331, 0.3025, 0.3301



96.2492, 0.3010, 0.3303



71.3506, 0.3019, 0.3214



16.3194, 0.2990, 0.3305



34.8270, 0.2302, 0.3488



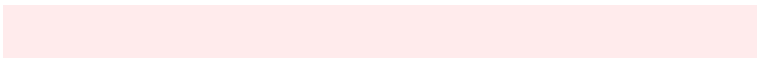
2.5785, 0.2294, 0.3457

Inverse Universe

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



68.3899, 0.3239, 0.3279



86.4996, 0.3257, 0.3277



71.8798, 0.3240, 0.3365



14.3831, 0.3282, 0.3275



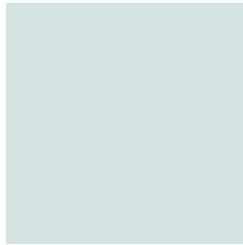
9.5498, 0.6330, 0.3260



0.7111, 0.6138, 0.3155

Previews

White Background



This preview shows how the Yxy color 75.0299, 0.3025, 0.3301 looks on a white background.

Color Contrast Check

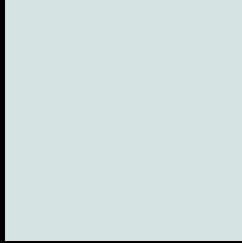
Large Text (above 18pt) WCAG AA × Fail

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 75.0299, 0.3025, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

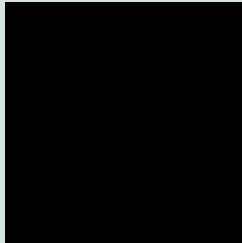
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

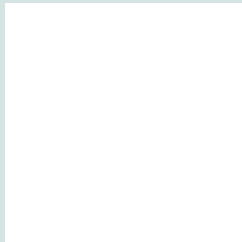
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0299, 0.3025, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 75.0299, 0.3025, 0.3301.

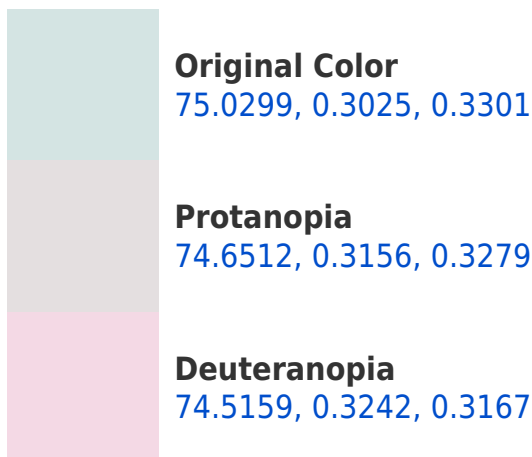


This preview shows how white text looks on a background with the Yxy color 75.0299, 0.3025, 0.3301.

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

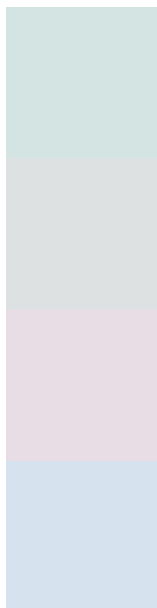




Tritanopia

74.7686, 0.2947, 0.3098

Trichromacy



Original Color

75.0299, 0.3025, 0.3301

Protanomaly

74.8163, 0.3106, 0.3290

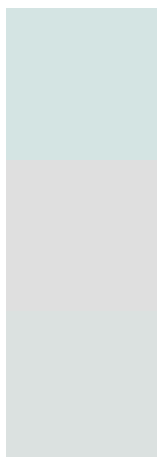
Deuteranomaly

74.4701, 0.3159, 0.3216

Tritanomaly

74.8033, 0.2977, 0.3171

Monochromacy



Original Color

75.0299, 0.3025, 0.3301

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2923, 0.3092, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0299, 0.3025, 0.3301 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(212, 228, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 228, 227)  
}
```

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(212, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 228, 227) }
```

Border

The CSS property to change the border of an element to Yxy 75.0299, 0.3025, 0.3301 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(212, 228, 227) }
```

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

```
.border{ border-color:rgb(212, 228, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 228, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 228,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0299, 0.3025, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 228, 227) }
```

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

```
.background{ background-color: rgb(212,  
228, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor