

Converting Colors

$Y_{xy}(72.5183, 0.3059, 0.3303)$

Have a look what the booklet for
Yxy(72.5183, 0.3059, 0.3303)
contains.

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Color

Yxy(72.7314, 0.3064, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	D5E0DE
RGB	213, 224, 222
RGB Percent	84%, 88%, 87%
CMY	0.1646, 0.1216, 0.1295
CMYK	0.05, 0.00, 0.01, 0.12
HSL	169°, 15%, 86%
HSV	169°, 5%, 88%
XYZ	67.2853, 72.7314, 79.5829
YIQ	220.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

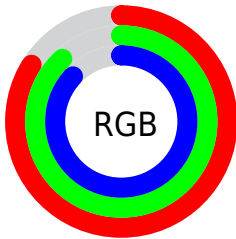
Format	Color
RYB	213, 219, 224
Decimal	14016734
CIELab	88.32, -4.03, -0.30
CIELCh	88, 4.044, 184.188
Yxy	72.7314, 0.3064, 0.3312
Android (android.graphics.Color)	4292206814 (0xFFD5E0DE)
YUV	220.4830, 0.7479, -6.5626
Hunter-Lab	85.2827, -8.4139, 4.3705

Details

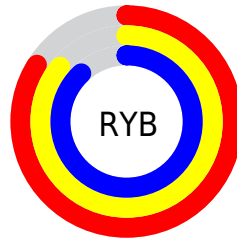
The Yxy color **72.7314, 0.3064, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3614, 0.3194, 0.3268**, and the grayscale version is **71.9272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4351, 0.3045, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **69.3936, 0.2939, 0.3360**, and if you desaturate by 10%, it is **76.5434, 0.3194, 0.3268**.

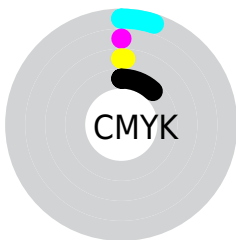
Distribution



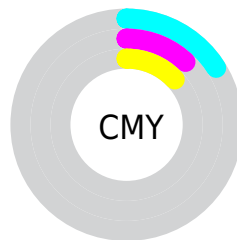
- Red (84%)
- Green (88%)
- Blue (87%)



- Red (84%)
- Yellow (86%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7314, 0.3064, 0.3312 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 72.7314, 0.3064, 0.3312 by changing the saturation by 10% instead.

■ 72.7314, 0.3064,
0.3312

■ 72.7314, 0.3064,
0.3312

470.0834, 0.3093,
0.3302

■ 53.7564, 0.3057,
0.3314

123.0958, 0.3074,
0.3309

■ 38.4069, 0.3049,
0.3317

155.2540, 0.3078,
0.3307

■ 26.2987, 0.3039,
0.3321

192.5753, 0.3082,
0.3306

■ 17.0472, 0.3025,
0.3325

235.4442, 0.3084,
0.3305

■ 10.2682, 0.3006,
0.3332

284.2451, 0.3087,
0.3304

■ 5.5771, 0.2979,
0.3341

339.3623, 0.3089,

■ 2.5897, 0.2936,

0.3303

401.1803, 0.3091,
0.3303

0.3356

0.9215, 0.2853,
0.3384

0.0000, 0.0000,
0.0000

72.7314, 0.3064,
0.3312

72.7314, 0.3064,
0.3312

69.3936, 0.2939,
0.3360

76.5434, 0.3194,
0.3268

66.5020, 0.2821,
0.3413


80.2970, 0.3306,
0.3229

64.0393, 0.2713,
0.3470

80.5320, 0.3278,
0.3188

61.9840, 0.2618,
0.3531


80.7725, 0.3250,
0.3147

 60.3123, 0.2539,
0.3595


 81.0186, 0.3222,
0.3107


 58.9981, 0.2479,
0.3660

 81.2704, 0.3195,
0.3068

 58.0121, 0.2437,
0.3727

 81.5277, 0.3168,
0.3028

 57.3201, 0.2415,
0.3794

 81.7906, 0.3141,
0.2989

 56.8802, 0.2412,
0.3861

Harmonies

Analogous

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



72.7314, 0.3108, 0.3350



72.7314, 0.3064, 0.3312



72.7314, 0.3037, 0.3268

Triad

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



72.7314, 0.3064, 0.3312



72.7314, 0.3097, 0.3210



72.7314, 0.3221, 0.3349

Complementary

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



72.7314, 0.3064, 0.3312



68.3614, 0.3194, 0.3268

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.



72.7314, 0.3218, 0.3311



72.7314, 0.3064, 0.3312



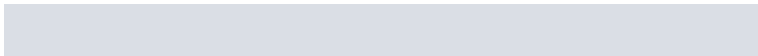
72.7314, 0.3146, 0.3231

Square

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



72.7314, 0.3064, 0.3312



72.7314, 0.3056, 0.3209



72.7314, 0.3191, 0.3268



72.7314, 0.3198, 0.3372

Rectangle

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



72.7314, 0.3064, 0.3312



72.7314, 0.3033, 0.3241



72.7314, 0.3191, 0.3268



72.7314, 0.3223, 0.3338

Sweetspot

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



72.7345, 0.3064, 0.3312



99.4893, 0.3114, 0.3294



72.5978, 0.3137, 0.3411



21.3002, 0.3115, 0.3294



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.



72.7345, 0.3064, 0.3312



97.0325, 0.3049, 0.3317



71.0923, 0.3052, 0.3254



15.7386, 0.3042, 0.3320



33.0302, 0.2412, 0.3884



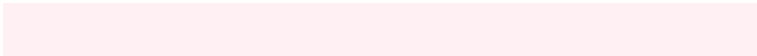
2.3009, 0.2384, 0.3782

Inverse Universe

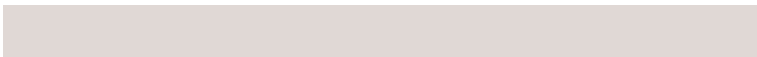
The Inverse Universe completely reimagines the original color for something new.



68.3614, 0.3194, 0.3268



89.8458, 0.3211, 0.3263



69.9302, 0.3206, 0.3326



14.4646, 0.3219, 0.3260



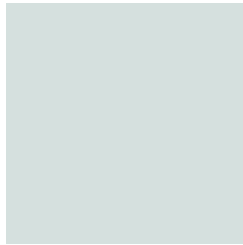
9.3309, 0.6108, 0.3138



0.6589, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 72.7314, 0.3064, 0.3312 looks on a white background.

Color Contrast Check

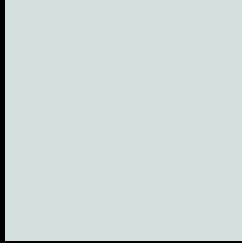
Large Text (above 18pt) WCAG AA × Fail

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 72.7314, 0.3064, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

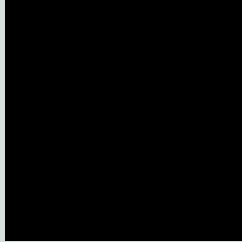
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

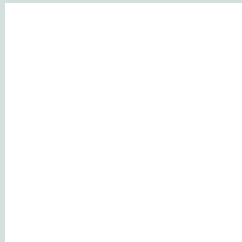
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7314, 0.3064, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 72.7314, 0.3064, 0.3312.

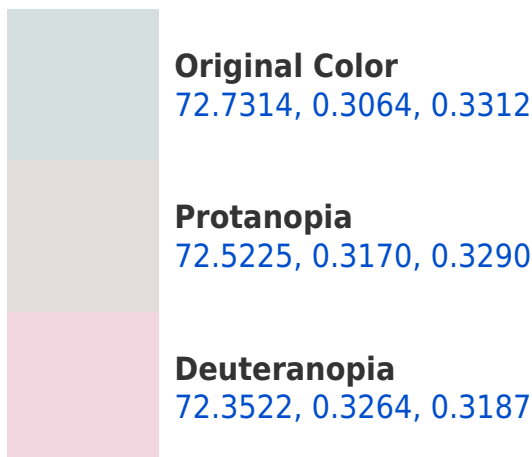


This preview shows how white text looks on a background with the Yxy color 72.7314, 0.3064, 0.3312.

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

72.5438, 0.2977, 0.3096

Trichromacy



Original Color

72.7314, 0.3064, 0.3312

Protanomaly

72.3055, 0.3127, 0.3290

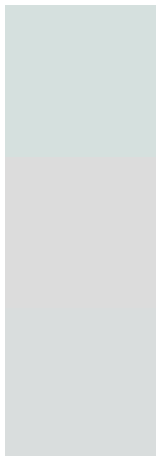
Deuteranomaly

72.4594, 0.3187, 0.3237

Tritanomaly

72.5728, 0.3008, 0.3171

Monochromacy



Original Color

72.7314, 0.3064, 0.3312

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6851, 0.3099, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7314, 0.3064, 0.3312 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(213, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 222)  
}
```

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(213, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 72.7314, 0.3064, 0.3312 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(213, 224, 222) }
```

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

```
.border{ border-color:rgb(213, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
222) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7314, 0.3064, 0.3312$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 222) }
```

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

```
.background{ background-color: rgb(213,  
224, 222) }
```

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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