

Converting Colors

$Yxy(72.0653, 0.3012, 0.3336)$

Have a look what the booklet for
Yxy(72.0653, 0.3012, 0.3336)
contains.

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Color

Yxy(72.0500, 0.3015, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	CDE1DD
RGB	205, 225, 221
RGB Percent	80%, 88%, 87%
CMY	0.1961, 0.1176, 0.1332
CMYK	0.09, 0.00, 0.02, 0.12
HSL	168°, 25%, 84%
HSV	168°, 9%, 88%
XYZ	65.1562, 72.0500, 78.9006
YIQ	218.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

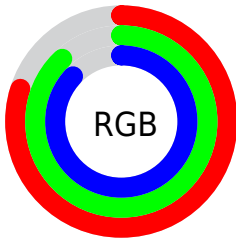
Format	Color
R _Y B	205, 216, 225
Decimal	13492701
CIE Lab	87.99, -7.38, -0.34
CIE LCh	88, 7.384, 182.658
Yxy	72.0500, 0.3015, 0.3334
Android (android.graphics.Color)	4291682781 (0xFFCDE1DD)
YUV	218.5640, 1.2009, -11.8956
Hunter-Lab	84.8823, -11.5262, 4.3058

Details

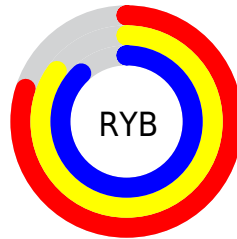
The Yxy color **72.0500, 0.3015, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2730, 0.3252, 0.3246**, and the grayscale version is **70.5207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0819, 0.2991, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **68.8449, 0.2894, 0.3388**, and if you desaturate by 10%, it is **75.7276, 0.3141, 0.3285**.

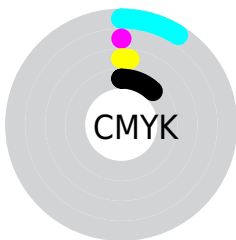
Distribution



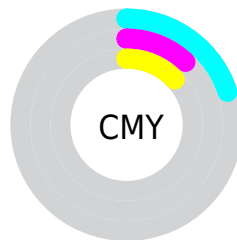
- Red (80%)
- Green (88%)
- Blue (87%)



- Red (80%)
- Yellow (85%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0500, 0.3015, 0.3334 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 72.0500, 0.3015, 0.3334 by changing the saturation by 10% instead.

■ 72.0500, 0.3015,
0.3334

■ 72.0500, 0.3015,
0.3334

467.7156, 0.3067,
0.3314

■ 53.1995, 0.3003,
0.3339

122.1276, 0.3033,
0.3327

■ 37.9621, 0.2988,
0.3344

154.1235, 0.3040,
0.3324

■ 25.9533, 0.2970,
0.3352

191.2701, 0.3046,
0.3322

■ 16.7887, 0.2945,
0.3361

233.9516, 0.3051,
0.3320

■ 10.0839, 0.2912,
0.3374

282.5525, 0.3056,
0.3318

■ 5.4546, 0.2863,
0.3393

337.4572, 0.3060,

■ 2.5164, 0.2786,

0.3316

399.0501, 0.3064,
0.3315

0.3422

0.8848, 0.2609,
0.3493

0.0000, 0.0000,
0.0000

72.0500, 0.3015,
0.3334

72.0500, 0.3015,
0.3334

68.8449, 0.2894,
0.3388

75.7276, 0.3141,
0.3285

66.0837, 0.2781,
0.3447


79.8871, 0.3271,
0.3241


63.7483, 0.2680,
0.3511

81.0770, 0.3276,
0.3197

61.8162, 0.2593,
0.3578

81.3376, 0.3246,
0.3153

 60.2623, 0.2522,
0.3648

 81.6048, 0.3217,
0.3110


 59.0592, 0.2470,
0.3719


 81.8785, 0.3187,
0.3067

 58.1754, 0.2437,
0.3792

 82.1588, 0.3158,
0.3025

 57.5737, 0.2424,
0.3865

 82.3316, 0.3141,
0.2999

 57.1971, 0.2428,
0.3937

Harmonies

Analogous

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



72.0500, 0.3096, 0.3404



72.0500, 0.3015, 0.3334



72.0500, 0.2965, 0.3253

Triad

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



72.0500, 0.3015, 0.3334



72.0500, 0.3067, 0.3143



72.0500, 0.3300, 0.3395

Complementary

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



72.0500, 0.3015, 0.3334



64.2730, 0.3252, 0.3246

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.



72.0500, 0.3293, 0.3324



72.0500, 0.3015, 0.3334



72.0500, 0.3157, 0.3180

Square

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



72.0500, 0.3015, 0.3334



72.0500, 0.2994, 0.3143



72.0500, 0.3240, 0.3246



72.0500, 0.3261, 0.3439

Rectangle

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



72.0500, 0.3015, 0.3334



72.0500, 0.2954, 0.3204



72.0500, 0.3240, 0.3246



72.0500, 0.3303, 0.3373

Sweetspot

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



72.0530, 0.3015, 0.3334



98.4804, 0.3089, 0.3305



71.8149, 0.3145, 0.3515



20.9940, 0.3078, 0.3308



0.0000, 0.0000, 0.0000



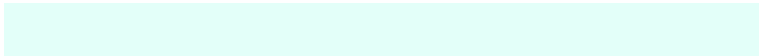
21.4041, 0.3127, 0.3290

Same Dimension

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



72.0530, 0.3015, 0.3334



94.7093, 0.2988, 0.3345



69.0796, 0.2990, 0.3222



15.5233, 0.3008, 0.3337



32.9548, 0.2426, 0.3934



2.2963, 0.2395, 0.3822

Inverse Universe

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



64.2730, 0.3252, 0.3246



82.0265, 0.3287, 0.3235



67.0049, 0.3275, 0.3357



13.7448, 0.3261, 0.3244



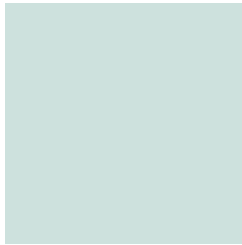
9.3452, 0.6071, 0.3118



0.6605, 0.5649, 0.2885

Previews

White Background



This preview shows how the Yxy color 72.0500, 0.3015, 0.3334 looks on a white background.

Color Contrast Check

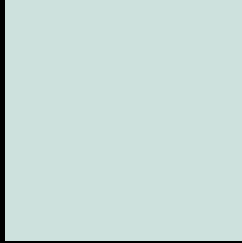
Large Text (above 18pt) WCAG AA × Fail

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 72.0500, 0.3015, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

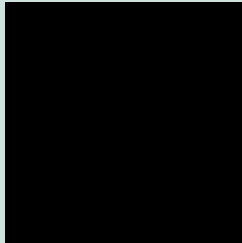
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

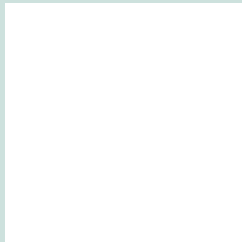
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0500, 0.3015, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 72.0500, 0.3015, 0.3334.

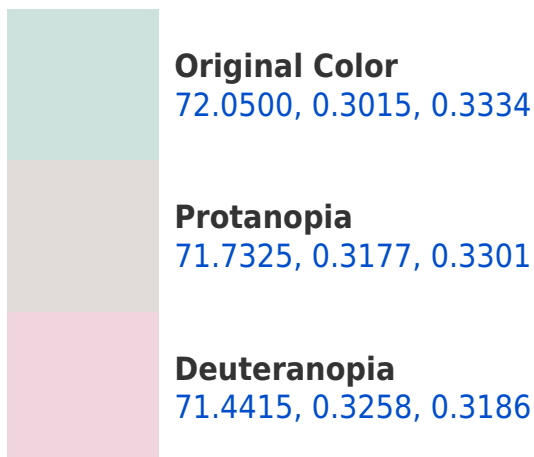


This preview shows how white text looks on a background with the Yxy color 72.0500, 0.3015, 0.3334.

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

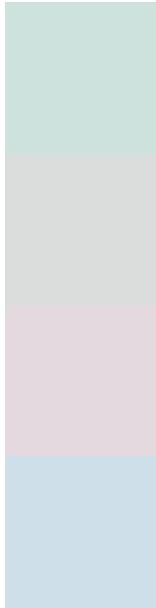




Tritanopia

71.9437, 0.2918, 0.3094

Trichromacy



Original Color

72.0500, 0.3015, 0.3334

Protanomaly

71.7328, 0.3119, 0.3312

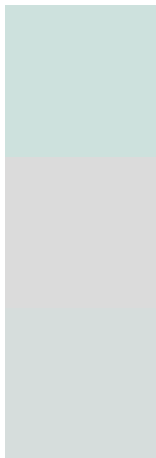
Deuteranomaly

71.2305, 0.3166, 0.3236

Tritanomaly

71.9239, 0.2954, 0.3180

Monochromacy



Original Color

72.0500, 0.3015, 0.3334

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.1764, 0.3084, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0500, 0.3015, 0.3334 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, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 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, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.0500, 0.3015, 0.3334 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, 225, 221) }
```

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

```
.border{ border-color:rgb(205, 225, 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, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 225, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 225, 221); box-shadow:4px 4px 4px 4px rgb(205, 225, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0500, 0.3015, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 221) }
```

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

```
.background{ background-color: rgb(205,  
225, 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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