

Converting Colors

$Yxy(73.0514, 0.3009, 0.3366)$

Have a look what the booklet for
Yxy(73.0514, 0.3009, 0.3366)
contains.

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Color

Yxy(72.9428, 0.3015, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	CCE3DC
RGB	204, 227, 220
RGB Percent	80%, 89%, 86%
CMY	0.1998, 0.1098, 0.1373
CMYK	0.10, 0.00, 0.03, 0.11
HSL	162°, 29%, 85%
HSV	162°, 10%, 89%
XYZ	65.2977, 72.9428, 78.3355
YIQ	219.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

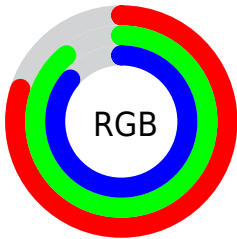
Format	Color
R_{YB}	204, 218, 227
Decimal	13427676
CIE _{Lab}	88.42, -8.90, 0.82
CIE _{LCh}	88, 8.939, 174.705
Yxy	72.9428, 0.3015, 0.3368
Android (android.graphics.Color)	4291617756 (0xFFCCE3DC)
YUV	219.3250, 0.3328, -13.4400
Hunter-Lab	85.4066, -12.9891, 5.4034

Details

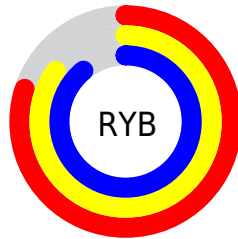
The Yxy color **72.9428, 0.3015, 0.3368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2470, 0.3253, 0.3213**, and the grayscale version is **71.0860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7057, 0.2991, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **69.6077, 0.2908, 0.3453**, and if you desaturate by 10%, it is **76.7668, 0.3126, 0.3291**.

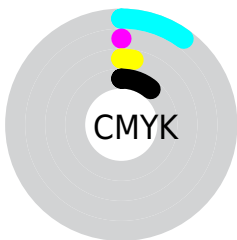
Distribution



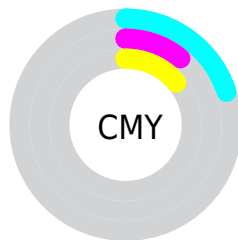
- Red (80%)
- Green (89%)
- Blue (86%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.9428, 0.3015, 0.3368 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 72.9428, 0.3015, 0.3368 by changing the saturation by 10% instead.

■ 72.9428, 0.3015,
0.3368

■ 72.9428, 0.3015,
0.3368

470.8165, 0.3067,
0.3332

■ 53.9292, 0.3003,
0.3376

123.3960, 0.3033,
0.3355

■ 38.5451, 0.2988,
0.3387

155.6044, 0.3040,
0.3351

■ 26.4060, 0.2970,
0.3400

192.9798, 0.3046,
0.3346

■ 17.1276, 0.2945,
0.3417

235.9067, 0.3051,
0.3343

■ 10.3255, 0.2912,
0.3440

284.7694, 0.3056,
0.3340

■ 5.6153, 0.2863,
0.3475

339.9524, 0.3060,

■ 2.6126, 0.2786,

0.3337

0.3529

401.8399, 0.3064,
0.3334

0.9330, 0.2613,
0.3646

0.0000, 0.0000,
0.0000

72.9428, 0.3015,
0.3368

72.9428, 0.3015,
0.3368

69.6077, 0.2908,
0.3453

76.7668, 0.3126,
0.3291

66.7319, 0.2809,
0.3547


81.0896, 0.3239,
0.3222


64.2967, 0.2720,
0.3648


82.5330, 0.3232,
0.3155

62.2787, 0.2644,
0.3755


82.9550, 0.3187,
0.3088

 60.6519, 0.2584,
0.3868


 83.3930, 0.3142,
0.3022

 59.3875, 0.2543,
0.3984

 83.4146, 0.3140,
0.3019

 58.4528, 0.2522,
0.4101

 57.8087, 0.2521,
0.4218

 57.3906, 0.2537,
0.4332

Harmonies

Analogous

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



72.9428, 0.3118, 0.3445



72.9428, 0.3015, 0.3368



72.9428, 0.2943, 0.3270

Triad

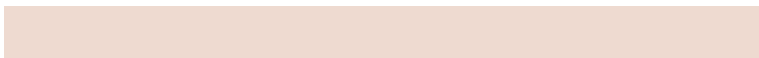
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9428, 0.3015, 0.3368



72.9428, 0.3028, 0.3108



72.9428, 0.3339, 0.3395

Complementary

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



72.9428, 0.3015, 0.3368



64.2470, 0.3253, 0.3213

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.



72.9428, 0.3315, 0.3305



72.9428, 0.3015, 0.3368



72.9428, 0.3134, 0.3142

Square

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



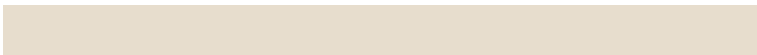
72.9428, 0.3015, 0.3368



72.9428, 0.2951, 0.3121



72.9428, 0.3239, 0.3214



72.9428, 0.3306, 0.3459

Rectangle

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



72.9428, 0.3015, 0.3368



72.9428, 0.2921, 0.3207



72.9428, 0.3239, 0.3214



72.9428, 0.3338, 0.3367

Sweetspot

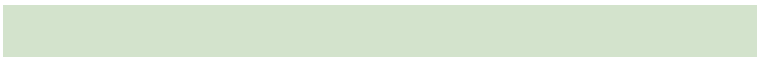
The Sweet Spot groups the original color and five complimentary colors.



72.9459, 0.3015, 0.3368



98.4282, 0.3093, 0.3312



73.1926, 0.3166, 0.3547



20.9799, 0.3084, 0.3319



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.



72.9459, 0.3015, 0.3368



94.0636, 0.2994, 0.3384



71.0525, 0.2972, 0.3243



16.2575, 0.3022, 0.3363



33.4943, 0.2532, 0.4314



2.4915, 0.2485, 0.4146

Inverse Universe

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



64.2470, 0.3253, 0.3213



80.7127, 0.3281, 0.3198



65.9300, 0.3300, 0.3337



14.4401, 0.3245, 0.3218



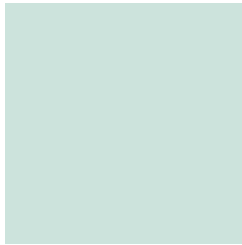
9.7957, 0.5737, 0.2934



0.7400, 0.5321, 0.2705

Previews

White Background



This preview shows how the Yxy color 72.9428, 0.3015, 0.3368 looks on a white background.

Color Contrast Check

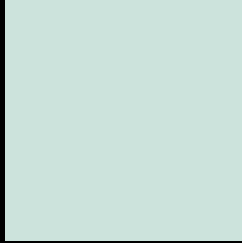
Large Text (above 18pt) WCAG AA × Fail

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 72.9428, 0.3015, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

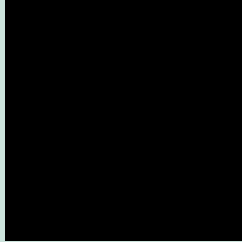
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

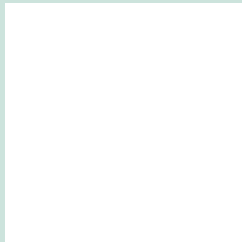
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9428, 0.3015, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 72.9428, 0.3015, 0.3368.

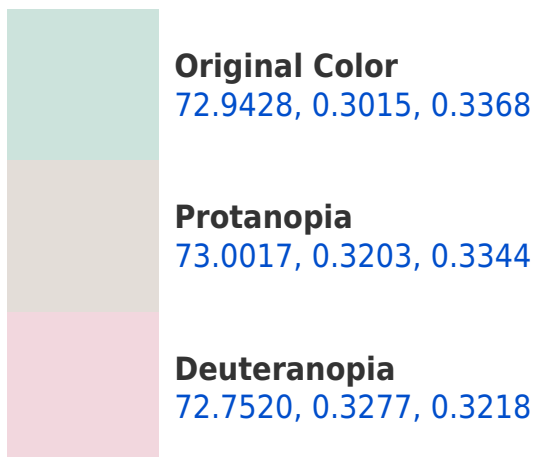


This preview shows how white text looks on a background with the Yxy color 72.9428, 0.3015, 0.3368.

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

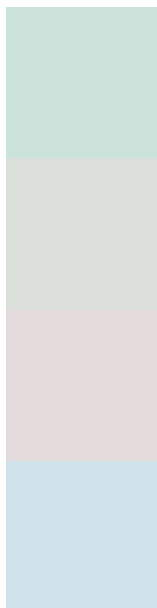




Tritanopia

73.0721, 0.2913, 0.3105

Trichromacy



Original Color

72.9428, 0.3015, 0.3368

Protanomaly

72.8452, 0.3138, 0.3356

Deuteranomaly

72.3775, 0.3178, 0.3269

Tritanomaly

72.9990, 0.2955, 0.3202

Monochromacy



Original Color

72.9428, 0.3015, 0.3368

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.6532, 0.3090, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9428, 0.3015, 0.3368 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(204, 227, 220)` looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 220)  
}
```

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(204, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 220) }
```

Border

The CSS property to change the border of an element to Yxy 72.9428, 0.3015, 0.3368 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(204, 227, 220) }
```

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

```
.border{ border-color:rgb(204, 227, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 227, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9428, 0.3015, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 220) }
```

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

```
.background{ background-color: rgb(204,  
227, 220) }
```

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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