

Converting Colors

$Y_{xy}(72.5287, 0.3063, 0.3339)$

Have a look what the booklet for
Yxy(72.5287, 0.3063, 0.3339)
contains.

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Color

Yxy(72.3275, 0.3063, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	D3E0DC
RGB	211, 224, 220
RGB Percent	83%, 88%, 86%
CMY	0.1723, 0.1216, 0.1373
CMYK	0.06, 0.00, 0.02, 0.12
HSL	161°, 17%, 85%
HSV	161°, 6%, 88%
XYZ	66.4485, 72.3275, 78.1632
YIQ	219.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

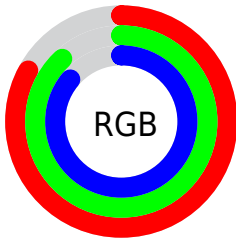
Format	Color
R_{YB}	211, 219, 224
Decimal	13885660
CIE Lab	88.13, -5.05, 0.45
CIE LCh	88, 5.075, 174.926
Yxy	72.3275, 0.3063, 0.3334
Android (android.graphics.Color)	4292075740 (0xFFD3E0DC)
YUV	219.6570, 0.1691, -7.5922
Hunter-Lab	85.0456, -9.3628, 5.0400

Details

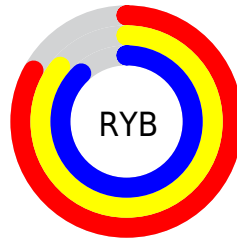
The Yxy color **72.3275, 0.3063, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3708, 0.3196, 0.3246**, and the grayscale version is **71.3279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1605, 0.3043, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **68.8892, 0.2955, 0.3417**, and if you desaturate by 10%, it is **76.2481, 0.3175, 0.3260**.

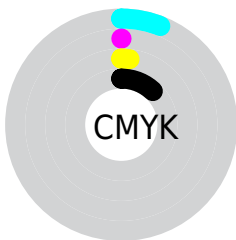
Distribution



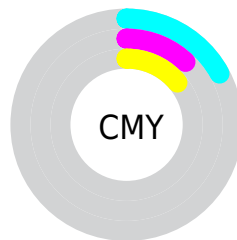
- Red (83%)
- Green (88%)
- Blue (86%)



- Red (83%)
- Yellow (86%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (17%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3275, 0.3063, 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 72.3275, 0.3063, 0.3334 by changing the saturation by 10% instead.

■ 72.3275, 0.3063,
0.3334

■ 72.3275, 0.3063,
0.3334

468.6807, 0.3093,
0.3314

■ 53.4263, 0.3056,
0.3339

122.5220, 0.3073,
0.3327

■ 38.1432, 0.3048,
0.3344

154.5841, 0.3077,
0.3324

■ 26.0938, 0.3037,
0.3352

191.8019, 0.3081,
0.3322

■ 16.8938, 0.3023,
0.3361

234.5598, 0.3084,
0.3320

■ 10.1588, 0.3004,
0.3375

283.2423, 0.3087,
0.3318

■ 5.5044, 0.2975,
0.3394

338.2337, 0.3089,

■ 2.5461, 0.2931,

0.3316

399.9183, 0.3091,
0.3315

0.3425

0.8997, 0.2836,
0.3488

0.0000, 0.0000,
0.0000

72.3275, 0.3063,
0.3334

72.3275, 0.3063,
0.3334

68.8892, 0.2955,
0.3417

76.2481, 0.3175,
0.3260

65.9049, 0.2852,
0.3508

80.4977, 0.3281,
0.3193


63.3572, 0.2759,
0.3607


80.9030, 0.3235,
0.3125


61.2242, 0.2677,
0.3712


81.3240, 0.3189,
0.3059


 59.4817, 0.2610,
0.3824


 81.7609, 0.3144,
0.2993

 58.1033, 0.2561,
0.3940

 81.7866, 0.3141,
0.2989

 57.0591, 0.2532,
0.4059

 56.3143, 0.2522,
0.4177

 55.8260, 0.2532,
0.4294

Harmonies

Analogous

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



72.3275, 0.3122, 0.3377



72.3275, 0.3063, 0.3334



72.3275, 0.3022, 0.3279

Triad

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



72.3275, 0.3063, 0.3334



72.3275, 0.3072, 0.3186



72.3275, 0.3248, 0.3351

Complementary

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



72.3275, 0.3063, 0.3334



67.3708, 0.3196, 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.



72.3275, 0.3234, 0.3300



72.3275, 0.3063, 0.3334



72.3275, 0.3132, 0.3205

Square

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



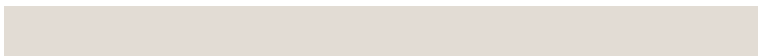
72.3275, 0.3063, 0.3334



72.3275, 0.3027, 0.3194



72.3275, 0.3191, 0.3247



72.3275, 0.3229, 0.3387

Rectangle

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



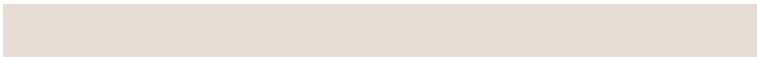
72.3275, 0.3063, 0.3334



72.3275, 0.3009, 0.3243



72.3275, 0.3191, 0.3247



72.3275, 0.3247, 0.3335

Sweetspot

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



72.3306, 0.3063, 0.3334



98.9444, 0.3105, 0.3305



72.4825, 0.3149, 0.3433



21.1892, 0.3106, 0.3304



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.



72.3306, 0.3063, 0.3334



96.4202, 0.3049, 0.3344



71.2791, 0.3038, 0.3264



15.6427, 0.3043, 0.3348



32.4258, 0.2535, 0.4326



2.2634, 0.2485, 0.4146

Inverse Universe

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



67.3708, 0.3196, 0.3246



88.3662, 0.3212, 0.3237



68.3553, 0.3222, 0.3316



14.2436, 0.3219, 0.3233



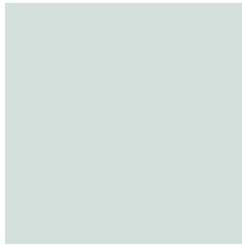
9.4941, 0.5722, 0.2926



0.6738, 0.5282, 0.2683

Previews

White Background



This preview shows how the Yxy color 72.3275, 0.3063, 0.3334 looks on a white background.

Color Contrast Check

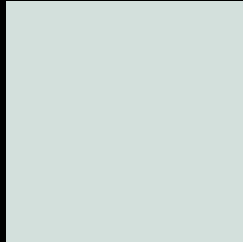
Large Text (above 18pt) WCAG AA × Fail

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 72.3275, 0.3063, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

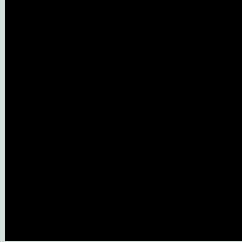
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

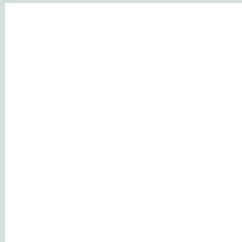
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3275, 0.3063, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 72.3275, 0.3063, 0.3334.

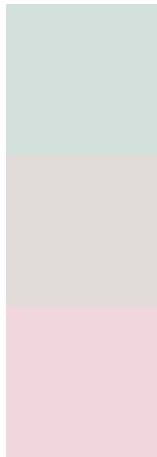


This preview shows how white text looks on a background with the Yxy color 72.3275, 0.3063, 0.3334.

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



Original Color

72.3275, 0.3063, 0.3334

Protanopia

72.2559, 0.3176, 0.3312

Deuteranopia

72.0678, 0.3271, 0.3207



Tritanopia

72.2410, 0.2964, 0.3096

Trichromacy



Original Color

72.3275, 0.3063, 0.3334

Protanomaly

72.0430, 0.3133, 0.3312

Deuteranomaly

72.1863, 0.3194, 0.3258

Tritanomaly

72.2149, 0.3001, 0.3181

Monochromacy



Original Color

72.3275, 0.3063, 0.3334

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6319, 0.3105, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3275, 0.3063, 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(211, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 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(211, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 220) }
```

Border

The CSS property to change the border of an element to Yxy 72.3275, 0.3063, 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(211, 224, 220) }
```

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

```
.border{ border-color:rgb(211, 224, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 224, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
220) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3275, 0.3063, 0.3334$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 220) }
```

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

```
.background{ background-color: rgb(211,  
224, 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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