

Converting Colors

$Yxy(72.4245, 0.3038, 0.3332)$

Have a look what the booklet for
Yxy(72.4245, 0.3038, 0.3332)
contains.

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Color

Yxy(72.4808, 0.3036, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	D0E1DD
RGB	208, 225, 221
RGB Percent	82%, 88%, 87%
CMY	0.1840, 0.1177, 0.1333
CMYK	0.08, 0.00, 0.02, 0.12
HSL	166°, 22%, 85%
HSV	166°, 8%, 88%
XYZ	66.0023, 72.4808, 78.9158
YIQ	219.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

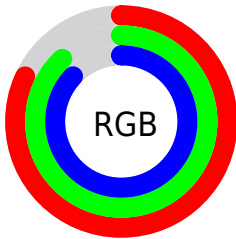
Format	Color
R _Y B	208, 218, 225
Decimal	13689309
CIE Lab	88.20, -6.37, 0.00
CIE LCh	88, 6.367, 179.976
Yxy	72.4808, 0.3036, 0.3334
Android (android.graphics.Color)	4291879389 (0xFFD0E1DD)
YUV	219.4610, 0.7587, -10.0513
Hunter-Lab	85.1357, -10.6034, 4.6366

Details

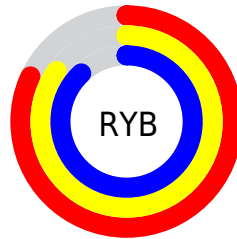
The Yxy color **72.4808, 0.3036, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9069, 0.3227, 0.3246**, and the grayscale version is **71.1831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3726, 0.3017, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **69.1710, 0.2919, 0.3398**, and if you desaturate by 10%, it is **76.2683, 0.3158, 0.3276**.

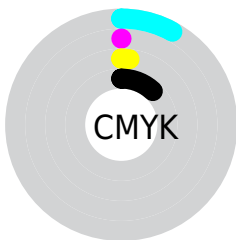
Distribution



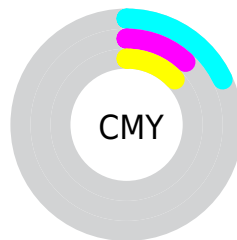
- Red (82%)
- Green (88%)
- Blue (87%)



- Red (82%)
- Yellow (85%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4808, 0.3036, 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 72.4808, 0.3036, 0.3334 by changing the saturation by 10% instead.

■ 72.4808, 0.3036,
0.3334

■ 72.4808, 0.3036,
0.3334

469.2134, 0.3078,
0.3314

■ 53.5515, 0.3026,
0.3339

122.7399, 0.3051,
0.3327

■ 38.2432, 0.3014,
0.3344

154.8384, 0.3056,
0.3324

■ 26.1715, 0.2999,
0.3352

192.0956, 0.3061,
0.3322

■ 16.9520, 0.2979,
0.3361

234.8956, 0.3066,
0.3320

■ 10.2003, 0.2952,
0.3374

283.6231, 0.3069,
0.3318

■ 5.5319, 0.2912,
0.3393

338.6622, 0.3073,

■ 2.5626, 0.2850,

0.3316

400.3975, 0.3076,
0.3315

0.3423

0.9079, 0.2717,
0.3487

0.0000, 0.0000,
0.0000

72.4808, 0.3036,
0.3334

72.4808, 0.3036,
0.3334

69.1710, 0.2919,
0.3398

76.2683, 0.3158,
0.3276

66.3103, 0.2809,
0.3468


80.5426, 0.3281,
0.3224

63.8808, 0.2710,
0.3543


81.2130, 0.3259,
0.3173


61.8602, 0.2624,
0.3623


81.5276, 0.3224,
0.3121

 60.2239, 0.2554,
0.3707


 81.8514, 0.3189,
0.3070

 58.9446, 0.2502,
0.3793

 82.1846, 0.3155,
0.3020

 57.9916, 0.2470,
0.3881

 82.3237, 0.3141,
0.2999

 57.3286, 0.2458,
0.3969

 56.9067, 0.2463,
0.4056

Harmonies

Analogous

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



72.4808, 0.3107, 0.3392



72.4808, 0.3036, 0.3334



72.4808, 0.2990, 0.3264

Triad

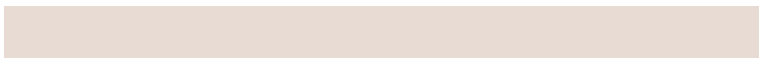
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4808, 0.3036, 0.3334



72.4808, 0.3069, 0.3162



72.4808, 0.3277, 0.3376

Complementary

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



72.4808, 0.3036, 0.3334



65.9069, 0.3227, 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.



72.4808, 0.3267, 0.3314



72.4808, 0.3036, 0.3334



72.4808, 0.3146, 0.3191

Square

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



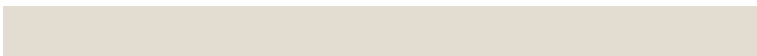
72.4808, 0.3036, 0.3334



72.4808, 0.3009, 0.3165



72.4808, 0.3219, 0.3246



72.4808, 0.3247, 0.3416

Rectangle

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



72.4808, 0.3036, 0.3334



72.4808, 0.2978, 0.3221



72.4808, 0.3219, 0.3246



72.4808, 0.3278, 0.3357

Sweetspot

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



72.4839, 0.3036, 0.3334



98.9683, 0.3103, 0.3301



72.4425, 0.3148, 0.3479



21.1941, 0.3104, 0.3301



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.



72.4839, 0.3036, 0.3334



95.5605, 0.3018, 0.3343



70.4404, 0.3011, 0.3243



15.5142, 0.3013, 0.3346



32.7653, 0.2462, 0.4064



2.2846, 0.2425, 0.3930

Inverse Universe

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



65.9069, 0.3227, 0.3246



85.1428, 0.3249, 0.3237



67.7991, 0.3251, 0.3337



13.7532, 0.3255, 0.3235



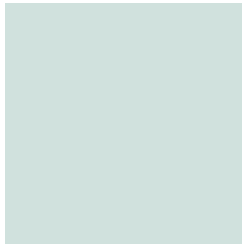
9.3878, 0.5965, 0.3060



0.6645, 0.5529, 0.2820

Previews

White Background



This preview shows how the Yxy color 72.4808, 0.3036, 0.3334 looks on a white background.

Color Contrast Check

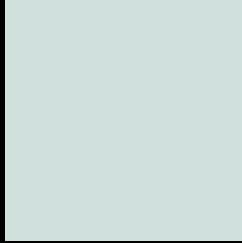
Large Text (above 18pt) WCAG AA × Fail

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 72.4808, 0.3036, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

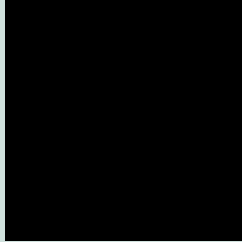
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

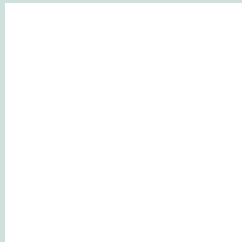
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4808, 0.3036, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 72.4808, 0.3036, 0.3334.

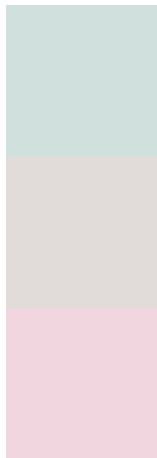


This preview shows how white text looks on a background with the Yxy color 72.4808, 0.3036, 0.3334.

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

72.4808, 0.3036, 0.3334

Protanopia

72.2559, 0.3176, 0.3312

Deuteranopia

72.1216, 0.3264, 0.3197



Tritanopia

72.3827, 0.2938, 0.3095

Trichromacy



Original Color

72.4808, 0.3036, 0.3334

Protanomaly

72.4171, 0.3126, 0.3323

Deuteranomaly

72.0747, 0.3180, 0.3247

Tritanomaly

72.3602, 0.2974, 0.3180

Monochromacy



Original Color

72.4808, 0.3036, 0.3334

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3273, 0.3091, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4808, 0.3036, 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(208, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 225, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.4808, 0.3036, 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(208, 225, 221) }
```

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

```
.border{ border-color:rgb(208, 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(208, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 225,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4808, 0.3036, 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(208, 225, 221) }
```

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

```
.background{ background-color: rgb(208,  
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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