

Converting Colors

$Yxy(73.6608, 0.3048, 0.3367)$

Have a look what the booklet for
Yxy(73.6608, 0.3048, 0.3367)
contains.

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Color

Yxy(73.6608, 0.3048, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	D1E3DC
RGB	209, 227, 220
RGB Percent	82%, 89%, 86%
CMY	0.1804, 0.1098, 0.1372
CMYK	0.08, 0.00, 0.03, 0.11
HSL	157°, 24%, 85%
HSV	157°, 8%, 89%
XYZ	66.6819, 73.6608, 78.4300
YIQ	220.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

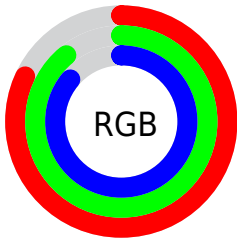
Format	Color
R_{YB}	209, 220, 227
Decimal	13755356
CIE Lab	88.76, -7.28, 1.34
CIE LCh	89, 7.399, 169.553
Yxy	73.6608, 0.3048, 0.3367
Android (android.graphics.Color)	4291945436 (0xFFD1E3DC)
YUV	220.8200, -0.4043, -10.3661
Hunter-Lab	85.8259, -11.5107, 5.8973

Details

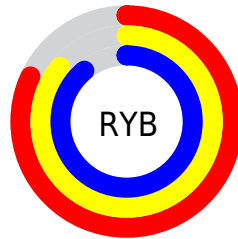
The Yxy color **73.6608, 0.3048, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8843, 0.3214, 0.3214**, and the grayscale version is **72.1825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1902, 0.3034, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **70.1315, 0.2951, 0.3474**, and if you desaturate by 10%, it is **77.6927, 0.3148, 0.3271**.

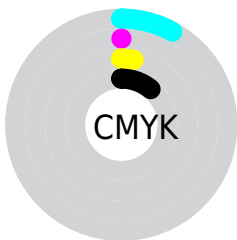
Distribution



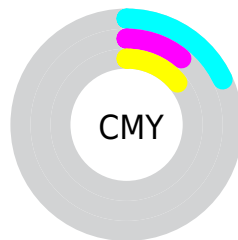
- Red (82%)
- Green (89%)
- Blue (86%)



- Red (82%)
- Yellow (86%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6608, 0.3048, 0.3367 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 73.6608, 0.3048, 0.3367 by changing the saturation by 10% instead.

■ 73.6608, 0.3048,
0.3367

■ 73.6608, 0.3048,
0.3367

473.3018, 0.3085,
0.3331

■ 54.5165, 0.3040,
0.3375

124.4149, 0.3061,
0.3355

■ 39.0147, 0.3029,
0.3385

156.7934, 0.3066,
0.3350

■ 26.7712, 0.3016,
0.3398

194.3520, 0.3070,
0.3346

■ 17.4014, 0.2999,
0.3415

237.4753, 0.3074,
0.3342

■ 10.5211, 0.2975,
0.3438

286.5475, 0.3077,
0.3339

■ 5.7458, 0.2941,
0.3472

341.9531, 0.3080,

■ 2.6911, 0.2887,

0.3336

404.0764, 0.3082,
0.3334

0.3526

0.9727, 0.2778,
0.3630

0.0000, 0.0000,
0.0000

73.6608, 0.3048,
0.3367

73.6608, 0.3048,
0.3367

70.1315, 0.2951,
0.3474

77.6927, 0.3148,
0.3271

67.0751, 0.2860,
0.3591

82.2367, 0.3249,
0.3186

64.4731, 0.2777,
0.3719

82.8806, 0.3195,
0.3101

62.3022, 0.2706,
0.3857

83.4214, 0.3140,
0.3019

■ 60.5369, 0.2649,
0.4001

■ 59.1488, 0.2611,
0.4151

■ 58.1060, 0.2592,
0.4303

■ 57.3707, 0.2594,
0.4454

■ 56.8906, 0.2615,
0.4601

Harmonies

Analogous

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



73.6608, 0.3135, 0.3425



73.6608, 0.3048, 0.3367



73.6608, 0.2983, 0.3288

Triad

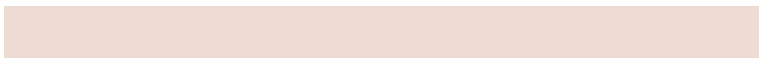
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6608, 0.3048, 0.3367



73.6608, 0.3033, 0.3139



73.6608, 0.3302, 0.3366

Complementary

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



73.6608, 0.3048, 0.3367



66.8843, 0.3214, 0.3214

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.



73.6608, 0.3274, 0.3290



73.6608, 0.3048, 0.3367



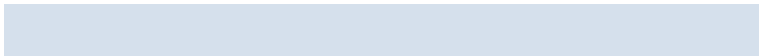
73.6608, 0.3117, 0.3160

Square

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



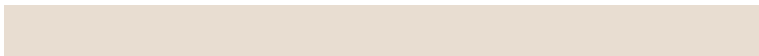
73.6608, 0.3048, 0.3367



73.6608, 0.2974, 0.3157



73.6608, 0.3206, 0.3215



73.6608, 0.3283, 0.3423

Rectangle

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



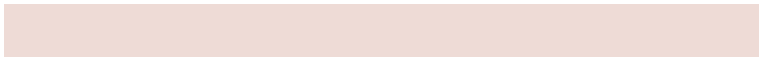
73.6608, 0.3048, 0.3367



73.6608, 0.2960, 0.3235



73.6608, 0.3206, 0.3215



73.6608, 0.3298, 0.3341

Sweetspot

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



73.6639, 0.3048, 0.3367



98.9189, 0.3107, 0.3309



74.1732, 0.3168, 0.3489



21.1840, 0.3108, 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.



73.6639, 0.3048, 0.3367



94.8603, 0.3027, 0.3389



73.0612, 0.3005, 0.3270



16.2368, 0.3033, 0.3383



33.1515, 0.2614, 0.4609



2.4678, 0.2554, 0.4394

Inverse Universe

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



66.8843, 0.3214, 0.3214



83.8302, 0.3239, 0.3193



67.4199, 0.3262, 0.3310



14.4600, 0.3232, 0.3199



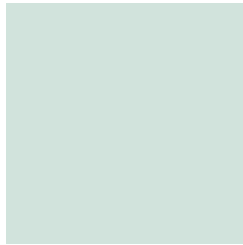
9.9559, 0.5423, 0.2761



0.7535, 0.5031, 0.2545

Previews

White Background



This preview shows how the Yxy color 73.6608, 0.3048, 0.3367 looks on a white background.

Color Contrast Check

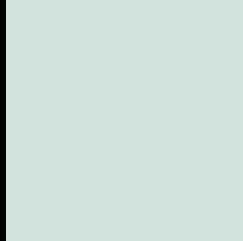
Large Text (above 18pt) WCAG AA × Fail

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 73.6608, 0.3048, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

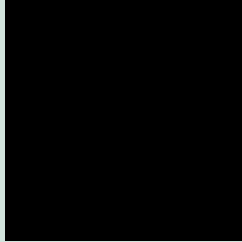
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

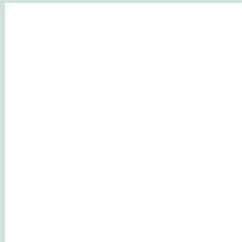
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6608, 0.3048, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 73.6608, 0.3048, 0.3367.

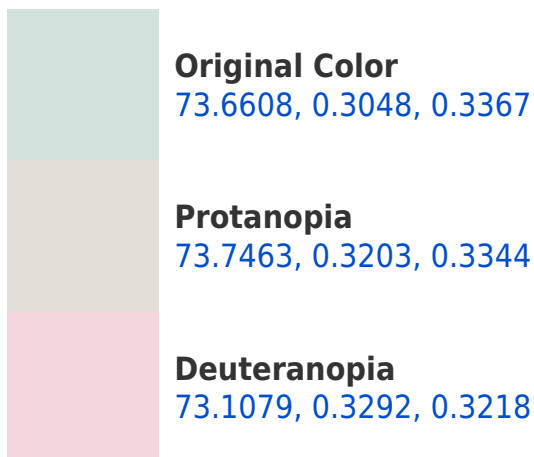


This preview shows how white text looks on a background with the Yxy color 73.6608, 0.3048, 0.3367.

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

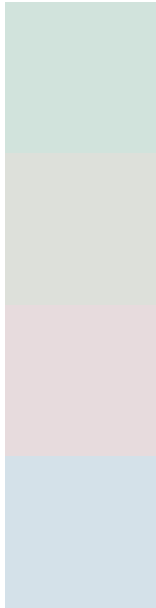




Tritanopia

73.8083, 0.2946, 0.3107

Trichromacy



Original Color

73.6608, 0.3048, 0.3367

Protanomaly

73.7454, 0.3145, 0.3355

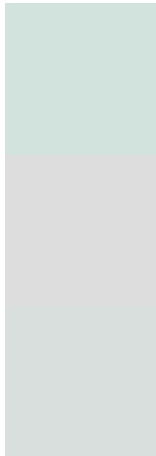
Deuteranomaly

72.8724, 0.3200, 0.3269

Tritanomaly

73.7307, 0.2988, 0.3203

Monochromacy



Original Color

73.6608, 0.3048, 0.3367

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7475, 0.3098, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6608, 0.3048, 0.3367 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(209, 227, 220)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.6608, 0.3048, 0.3367 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(209, 227, 220) }
```

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

```
.border{ border-color:rgb(209, 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(209, 227, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6608, 0.3048, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 220) }
```

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

```
.background{ background-color: rgb(209,  
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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