

Converting Colors

$Yxy(73.6698, 0.3090, 0.3334)$

Have a look what the booklet for
Yxy(73.6698, 0.3090, 0.3334)
contains.

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Color

Yxy(73.6698, 0.3090, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	D8E1DD
RGB	216, 225, 221
RGB Percent	85%, 88%, 87%
CMY	0.1532, 0.1175, 0.1334
CMYK	0.04, 0.00, 0.02, 0.12
HSL	153°, 13%, 86%
HSV	153°, 4%, 88%
XYZ	68.2782, 73.6698, 79.0172
YIQ	221.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

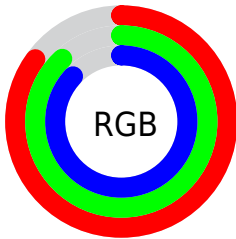
Format	Color
R _Y B	216, 222, 225
Decimal	14213597
CIE Lab	88.77, -3.78, 0.90
CIE LCh	89, 3.884, 166.560
Yxy	73.6698, 0.3090, 0.3334
Android (android.graphics.Color)	4292403677 (0xFFD8E1DD)
YUV	221.8530, -0.4205, -5.1331
Hunter-Lab	85.8311, -8.2085, 5.4987

Details

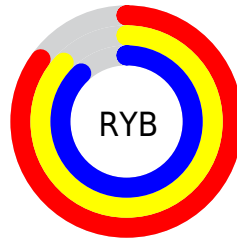
The Yxy color **73.6698, 0.3090, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2541, 0.3166, 0.3246**, and the grayscale version is **72.9373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0797, 0.3079, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **69.9613, 0.2999, 0.3452**, and if you desaturate by 10%, it is **77.8856, 0.3182, 0.3229**.

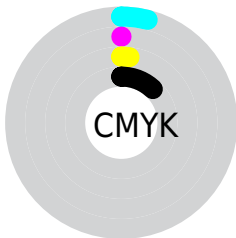
Distribution



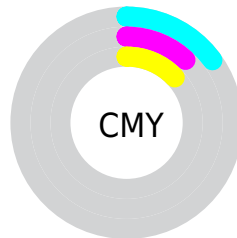
- Red (85%)
- Green (88%)
- Blue (87%)



- Red (85%)
- Yellow (87%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6698, 0.3090, 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 73.6698, 0.3090, 0.3334 by changing the saturation by 10% instead.

■ 73.6698, 0.3090,
0.3334

■ 73.6698, 0.3090,
0.3334

473.3330, 0.3107,
0.3314

■ 54.5238, 0.3086,
0.3339

124.4276, 0.3096,
0.3327

■ 39.0206, 0.3081,
0.3344

156.8082, 0.3098,
0.3324

■ 26.7758, 0.3075,
0.3352

194.3692, 0.3100,
0.3322

■ 17.4049, 0.3067,
0.3361

237.4949, 0.3102,
0.3320

■ 10.5236, 0.3056,
0.3374

286.5697, 0.3104,
0.3318

■ 5.7475, 0.3040,
0.3394

341.9781, 0.3105,

■ 2.6921, 0.3014,

0.3316

0.3424

404.1044, 0.3106,
0.3315

0.9732, 0.2968,
0.3479

0.0000, 0.0000,
0.0000

73.6698, 0.3090,
0.3334

73.6698, 0.3090,
0.3334

69.9613, 0.2999,
0.3452

77.8856, 0.3182,
0.3229

66.7312, 0.2913,
0.3583

81.4742, 0.3232,
0.3133

63.9618, 0.2833,
0.3726

82.0880, 0.3167,
0.3038

61.6308, 0.2762,
0.3881

82.3447, 0.3141,
0.3000

■ 59.7138, 0.2705,
0.4046

■ 58.1841, 0.2664,
0.4218

■ 57.0117, 0.2642,
0.4393

■ 56.1620, 0.2640,
0.4567

■ 55.5929, 0.2659,
0.4737

Harmonies

Analogous

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



73.6698, 0.3136, 0.3362



73.6698, 0.3090, 0.3334



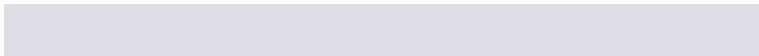
73.6698, 0.3054, 0.3294

Triad

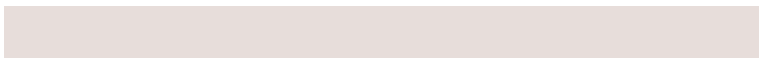
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6698, 0.3090, 0.3334



73.6698, 0.3074, 0.3210



73.6698, 0.3218, 0.3327

Complementary

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



73.6698, 0.3090, 0.3334



70.2541, 0.3166, 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.



73.6698, 0.3201, 0.3286



73.6698, 0.3090, 0.3334



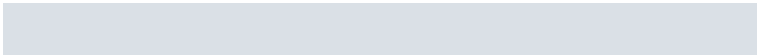
73.6698, 0.3118, 0.3219

Square

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



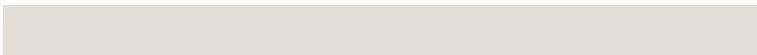
73.6698, 0.3090, 0.3334



73.6698, 0.3044, 0.3222



73.6698, 0.3164, 0.3247



73.6698, 0.3211, 0.3358

Rectangle

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



73.6698, 0.3090, 0.3334



73.6698, 0.3040, 0.3266



73.6698, 0.3164, 0.3247



73.6698, 0.3215, 0.3314

Sweetspot

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



73.6729, 0.3090, 0.3334



99.4468, 0.3118, 0.3301



74.0385, 0.3151, 0.3389



21.2915, 0.3118, 0.3300



0.0000, 0.0000, 0.0000



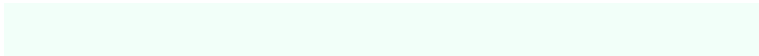
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6729, 0.3090, 0.3334



97.3021, 0.3081, 0.3345



73.6453, 0.3064, 0.3285



15.7729, 0.3075, 0.3352



31.9091, 0.2669, 0.4809



2.2297, 0.2598, 0.4552

Inverse Universe

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



70.2541, 0.3166, 0.3246



91.6851, 0.3176, 0.3236



70.2759, 0.3193, 0.3295



14.7491, 0.3182, 0.3229



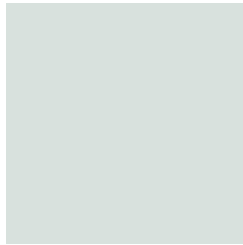
9.7765, 0.5187, 0.2631



0.6955, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 73.6698, 0.3090, 0.3334 looks on a white background.

Color Contrast Check

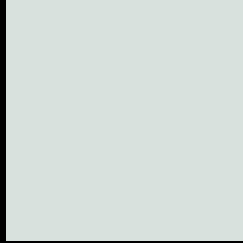
Large Text (above 18pt) WCAG AA × Fail

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 73.6698, 0.3090, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

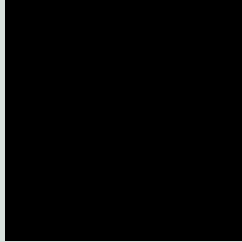
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

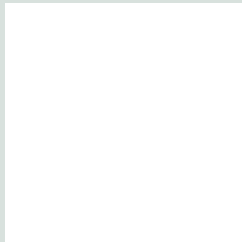
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6698, 0.3090, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 73.6698, 0.3090, 0.3334.

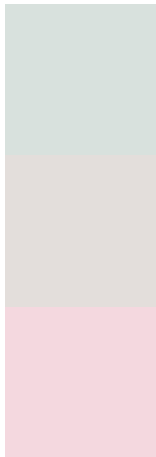


This preview shows how white text looks on a background with the Yxy color 73.6698, 0.3090, 0.3334.

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

73.6698, 0.3090, 0.3334

Protanopia

73.6879, 0.3182, 0.3322

Deuteranopia

73.6725, 0.3284, 0.3218



Tritanopia

73.5939, 0.2991, 0.3098

Trichromacy



Original Color

73.6698, 0.3090, 0.3334

Protanomaly

73.6306, 0.3147, 0.3322

Deuteranomaly

73.4294, 0.3215, 0.3259

Tritanomaly

73.5640, 0.3028, 0.3182

Monochromacy



Original Color

73.6698, 0.3090, 0.3334

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2649, 0.3113, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6698, 0.3090, 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(216, 225, 221) looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 225, 221) }
```

Border

The CSS property to change the border of an element to Yxy 73.6698, 0.3090, 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(216, 225, 221) }
```

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

```
.border{ border-color:rgb(216, 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(216, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 225,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6698, 0.3090, 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(216, 225, 221) }
```

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

```
.background{ background-color: rgb(216,  
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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