

Converting Colors

$Yxy(73.3889, 0.3071, 0.3340)$

Have a look what the booklet for
Yxy(73.3889, 0.3071, 0.3340)
contains.

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Color

Yxy(73.2170, 0.3070, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	D5E1DD
RGB	213, 225, 221
RGB Percent	84%, 88%, 87%
CMY	0.1646, 0.1176, 0.1334
CMYK	0.05, 0.00, 0.02, 0.12
HSL	160°, 17%, 86%
HSV	160°, 5%, 88%
XYZ	67.4194, 73.2170, 78.9707
YIQ	220.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

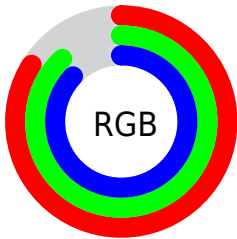
Format	Color
R _Y B	213, 220, 225
Decimal	14016989
CIE Lab	88.55, -4.74, 0.57
CIE LCh	89, 4.770, 173.171
Yxy	73.2170, 0.3070, 0.3334
Android (android.graphics.Color)	4292207069 (0xFFD5E1DD)
YUV	220.9560, 0.0217, -6.9774
Hunter-Lab	85.5669, -9.0995, 5.1774

Details

The Yxy color **73.2170, 0.3070, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.6201, 0.3188, 0.3246**, and the grayscale version is **72.2801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7717, 0.3053, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **69.6916, 0.2965, 0.3424**, and if you desaturate by 10%, it is **77.2336, 0.3178, 0.3253**.

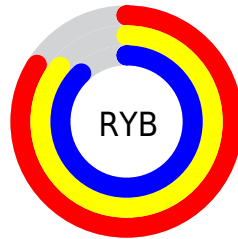
Distribution



Red (84%)

Green (88%)

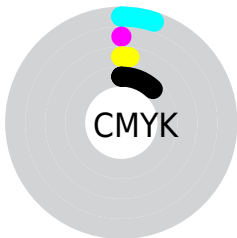
Blue (87%)



Red (84%)

Yellow (86%)

Blue (88%)

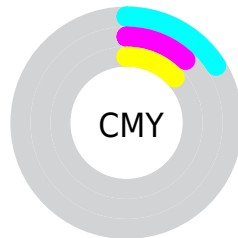


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (12%)



Cyan (16%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2170, 0.3070, 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 73.2170, 0.3070, 0.3334 by changing the saturation by 10% instead.

■ 73.2170, 0.3070,
0.3334

■ 73.2170, 0.3070,
0.3334

471.7666, 0.3097,
0.3314

■ 54.1534, 0.3064,
0.3339

123.7852, 0.3079,
0.3327

■ 38.7243, 0.3056,
0.3344

156.0587, 0.3083,
0.3324

■ 26.5453, 0.3047,
0.3352

193.5042, 0.3086,
0.3322

■ 17.2321, 0.3034,
0.3361

236.5061, 0.3089,
0.3320

■ 10.4001, 0.3017,
0.3374

285.4490, 0.3091,
0.3318

■ 5.6650, 0.2993,
0.3394

340.7170, 0.3093,

■ 2.6425, 0.2954,

0.3316

402.6948, 0.3095,
0.3315

0.3424

0.9481, 0.2879,
0.3481

0.0000, 0.0000,
0.0000

73.2170, 0.3070,
0.3334

73.2170, 0.3070,
0.3334

69.6916, 0.2965,
0.3424

77.2336, 0.3178,
0.3253

66.6286, 0.2866,
0.3523


81.1722, 0.3265,
0.3181


64.0105, 0.2775,
0.3630


81.6208, 0.3215,
0.3107

61.8151, 0.2695,
0.3746

82.0882, 0.3165,
0.3035


 60.0182, 0.2630,
0.3868

 82.3311, 0.3141,
0.2999

 58.5929, 0.2582,
0.3995

 57.5093, 0.2554,
0.4124

 56.7323, 0.2546,
0.4254

 56.2190, 0.2557,
0.4382

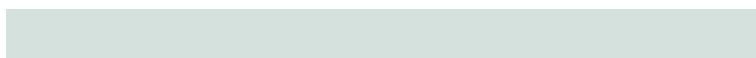
Harmonies

Analogous

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



73.2170, 0.3126, 0.3373



73.2170, 0.3070, 0.3334



73.2170, 0.3030, 0.3283

Triad

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



73.2170, 0.3070, 0.3334



73.2170, 0.3072, 0.3192



73.2170, 0.3240, 0.3345

Complementary

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



73.2170, 0.3070, 0.3334



68.6201, 0.3188, 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.



73.2170, 0.3225, 0.3296



73.2170, 0.3070, 0.3334



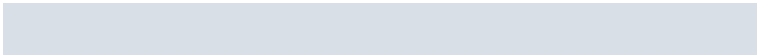
73.2170, 0.3128, 0.3209

Square

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



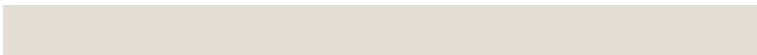
73.2170, 0.3070, 0.3334



73.2170, 0.3031, 0.3201



73.2170, 0.3184, 0.3247



73.2170, 0.3224, 0.3379

Rectangle

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



73.2170, 0.3070, 0.3334



73.2170, 0.3017, 0.3249



73.2170, 0.3184, 0.3247



73.2170, 0.3238, 0.3330

Sweetspot

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



73.2201, 0.3070, 0.3334



98.9357, 0.3105, 0.3306



73.4411, 0.3150, 0.3422



21.1875, 0.3107, 0.3306



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.



73.2201, 0.3070, 0.3334



96.8864, 0.3062, 0.3340



72.4707, 0.3045, 0.3270



15.7126, 0.3056, 0.3345



32.3127, 0.2562, 0.4422



2.2562, 0.2507, 0.4225

Inverse Universe

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



68.6201, 0.3188, 0.3246



89.9862, 0.3197, 0.3240



69.3224, 0.3214, 0.3310



14.4895, 0.3204, 0.3236



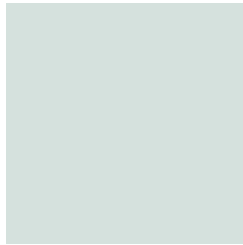
9.5407, 0.5623, 0.2871



0.6776, 0.5189, 0.2632

Previews

White Background



This preview shows how the Yxy color 73.2170, 0.3070, 0.3334 looks on a white background.

Color Contrast Check

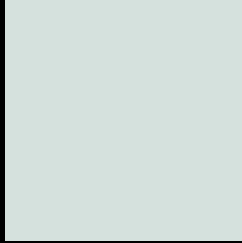
Large Text (above 18pt) WCAG AA × Fail

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 73.2170, 0.3070, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

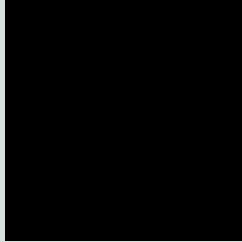
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

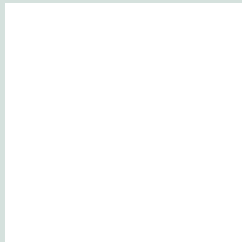
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2170, 0.3070, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 73.2170, 0.3070, 0.3334.



This preview shows how white text looks on a background with the Yxy color 73.2170, 0.3070, 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

73.2170, 0.3070, 0.3334

Protanopia

73.1583, 0.3183, 0.3312

Deuteranopia

72.9833, 0.3278, 0.3208



Tritanopia

73.1328, 0.2971, 0.3097

Trichromacy



Original Color

73.2170, 0.3070, 0.3334

Protanomaly

72.9395, 0.3140, 0.3312

Deuteranomaly

73.0928, 0.3201, 0.3258

Tritanomaly

73.1056, 0.3008, 0.3181

Monochromacy



Original Color

73.2170, 0.3070, 0.3334

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3684, 0.3106, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2170, 0.3070, 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(213, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 225, 221) }
```

Border

The CSS property to change the border of an element to Yxy 73.2170, 0.3070, 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(213, 225, 221) }
```

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

```
.border{ border-color:rgb(213, 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(213, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(213, 225,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2170, 0.3070, 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(213, 225, 221) }
```

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

```
.background{ background-color: rgb(213,  
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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