

Converting Colors

$Y_{xy}(73.3895, 0.3080, 0.3385)$

Have a look what the booklet for
Yxy(73.3895, 0.3080, 0.3385)
contains.

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Color

Yxy(73.3036, 0.3075, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	D3E2DA
RGB	211, 226, 218
RGB Percent	83%, 89%, 85%
CMY	0.1723, 0.1138, 0.1450
CMYK	0.07, 0.00, 0.04, 0.11
HSL	148°, 20%, 86%
HSV	148°, 7%, 89%
XYZ	66.7284, 73.3036, 76.9710
YIQ	220.6030, -6.3720, -5.6680

Conversions

Conversions Part 2

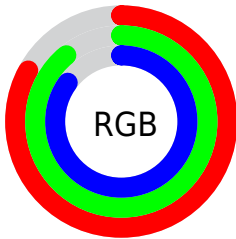
Format	Color
R _Y B	211, 221, 226
Decimal	13886170
CIE Lab	88.59, -6.44, 2.17
CIE LCh	89, 6.797, 161.401
Yxy	73.3036, 0.3075, 0.3378
Android (android.graphics.Color)	4292076250 (0xFFD3E2DA)
YUV	220.6030, -1.2833, -8.4218
Hunter-Lab	85.6175, -10.7117, 6.6300

Details

The Yxy color **73.3036, 0.3075, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8998, 0.3183, 0.3204**, and the grayscale version is **72.0342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8381, 0.3059, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **69.5900, 0.2997, 0.3525**, and if you desaturate by 10%, it is **77.5387, 0.3154, 0.3247**.

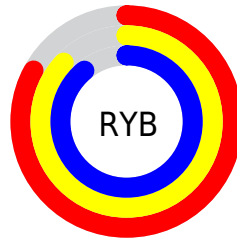
Distribution



Red (83%)

Green (89%)

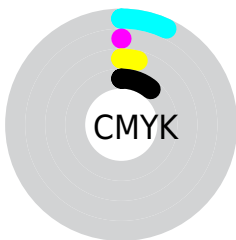
Blue (85%)



Red (83%)

Yellow (87%)

Blue (89%)

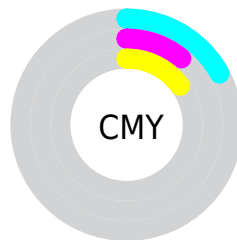


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (17%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3036, 0.3075, 0.3378 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 73.3036, 0.3075, 0.3378 by changing the saturation by 10% instead.

■ 73.3036, 0.3075,
0.3378

■ 73.3036, 0.3075,
0.3378

472.0664, 0.3099,
0.3337

■ 54.2242, 0.3069,
0.3387

123.9081, 0.3083,
0.3364

■ 38.7810, 0.3062,
0.3399

156.2021, 0.3087,
0.3358

■ 26.5894, 0.3054,
0.3414

193.6697, 0.3090,
0.3353

■ 17.2651, 0.3042,
0.3434

236.6953, 0.3092,
0.3349

■ 10.4237, 0.3026,
0.3460

285.6634, 0.3094,
0.3346

■ 5.6808, 0.3003,
0.3500

340.9584, 0.3096,

■ 2.6519, 0.2966,

0.3343

402.9646, 0.3098,
0.3340

0.3563

0.9528, 0.2890,
0.3688

0.0000, 0.0000,
0.0000

73.3036, 0.3075,
0.3378

73.3036, 0.3075,
0.3378

69.5900, 0.2997,
0.3525

77.5387, 0.3154,
0.3247

66.3681, 0.2923,
0.3687

82.0666, 0.3224,
0.3132

63.6192, 0.2855,
0.3866


82.8165, 0.3145,
0.3016


61.3198, 0.2797,
0.4058

82.8667, 0.3140,
0.3009

 59.4443, 0.2752,
0.4262

 57.9644, 0.2723,
0.4472

 56.8483, 0.2712,
0.4683

 56.0588, 0.2722,
0.4888

 55.5490, 0.2750,
0.5080

Harmonies

Analogous

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



73.3036, 0.3157, 0.3423



73.3036, 0.3075, 0.3378



73.3036, 0.3007, 0.3309

Triad

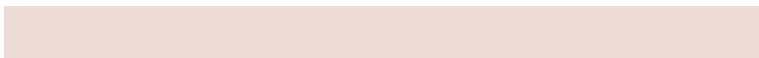
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3036, 0.3075, 0.3378



73.3036, 0.3022, 0.3152



73.3036, 0.3285, 0.3342

Complementary

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



73.3036, 0.3075, 0.3378



67.8998, 0.3183, 0.3204

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.



73.3036, 0.3248, 0.3270



73.3036, 0.3075, 0.3378



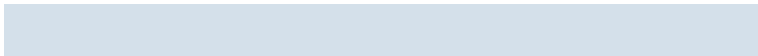
73.3036, 0.3096, 0.3162

Square

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



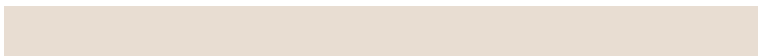
73.3036, 0.3075, 0.3378



73.3036, 0.2977, 0.3178



73.3036, 0.3178, 0.3205



73.3036, 0.3279, 0.3401

Rectangle

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



73.3036, 0.3075, 0.3378



73.3036, 0.2979, 0.3259



73.3036, 0.3178, 0.3205



73.3036, 0.3277, 0.3318

Sweetspot

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



73.3067, 0.3075, 0.3378



98.8713, 0.3111, 0.3316



74.1946, 0.3177, 0.3454



21.1744, 0.3112, 0.3315



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.



73.3067, 0.3075, 0.3378



95.6523, 0.3064, 0.3398



73.6935, 0.3030, 0.3298



15.4430, 0.3053, 0.3418



31.6401, 0.2754, 0.5114



2.2111, 0.2672, 0.4820

Inverse Universe

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



67.8998, 0.3183, 0.3204



87.0706, 0.3196, 0.3184



67.5273, 0.3234, 0.3282



13.8223, 0.3209, 0.3165



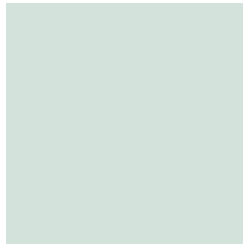
10.0317, 0.4808, 0.2423



0.7134, 0.4495, 0.2250

Previews

White Background



This preview shows how the Yxy color 73.3036, 0.3075, 0.3378 looks on a white background.

Color Contrast Check

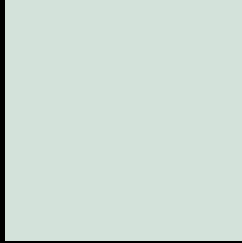
Large Text (above 18pt) WCAG AA × Fail

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 73.3036, 0.3075, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

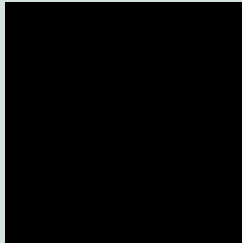
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

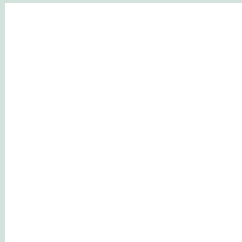
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3036, 0.3075, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 73.3036, 0.3075, 0.3378.

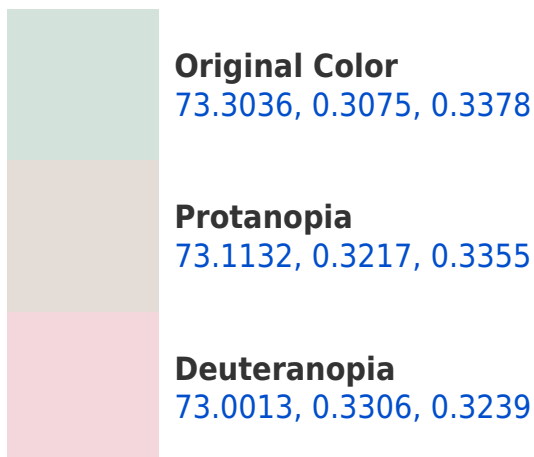


This preview shows how white text looks on a background with the Yxy color 73.3036, 0.3075, 0.3378.

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

73.5137, 0.2965, 0.3107

Trichromacy



Original Color

73.3036, 0.3075, 0.3378

Protanomaly

73.2628, 0.3166, 0.3366

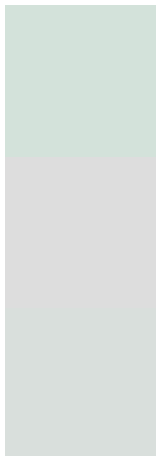
Deuteranomaly

72.9333, 0.3221, 0.3290

Tritanomaly

73.4336, 0.3007, 0.3203

Monochromacy



Original Color

73.3036, 0.3075, 0.3378

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6944, 0.3105, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3036, 0.3075, 0.3378 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, 226, 218)` looks like.

```
.text, #text, p{  
    color:rgb(211, 226, 218)  
}
```

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, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 226, 218) }
```

Border

The CSS property to change the border of an element to Yxy 73.3036, 0.3075, 0.3378 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, 226, 218) }
```

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

```
.border{ border-color:rgb(211, 226, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(211, 226,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3036, 0.3075, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 226, 218) }
```

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

```
.background{ background-color: rgb(211,  
226, 218) }
```

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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