

Converting Colors

$Yxy(73.3949, 0.3104, 0.3305)$

Have a look what the booklet for
Yxy(73.3949, 0.3104, 0.3305)
contains.

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Color

Yxy(73.6453, 0.3105, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0DE
RGB	219, 224, 222
RGB Percent	86%, 88%, 87%
CMY	0.1413, 0.1215, 0.1295
CMYK	0.02, 0.00, 0.01, 0.12
HSL	156°, 8%, 87%
HSV	156°, 2%, 88%
XYZ	69.0425, 73.6453, 79.6712
YIQ	222.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

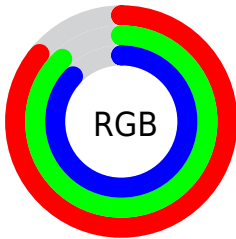
Format	Color
RYB	219, 222, 224
Decimal	14409950
CIELab	88.75, -2.06, 0.39
CIElCh	89, 2.099, 169.344
Yxy	73.6453, 0.3105, 0.3312
Android (android.graphics.Color)	4292600030 (0xFFDBE0DE)
YUV	222.2770, -0.1366, -2.8739
Hunter-Lab	85.8168, -6.5704, 5.0277

Details

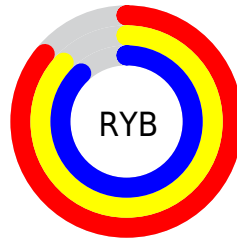
The Yxy color **73.6453, 0.3105, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7119, 0.3150, 0.3268**, and the grayscale version is **73.2522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0585, 0.3099, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **69.9352, 0.3008, 0.3416**, and if you desaturate by 10%, it is **77.8551, 0.3203, 0.3219**.

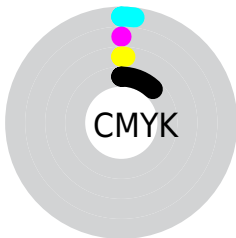
Distribution



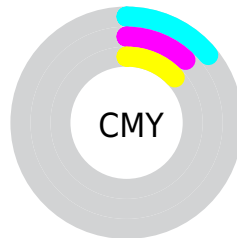
- Red (86%)
- Green (88%)
- Blue (87%)



- Red (86%)
- Yellow (87%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6453, 0.3105, 0.3312 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 73.6453, 0.3105, 0.3312 by changing the saturation by 10% instead.

■ 73.6453, 0.3105,
0.3312

■ 73.6453, 0.3105,
0.3312

473.2483, 0.3115,
0.3302

■ 54.5038, 0.3103,
0.3314

124.3929, 0.3109,
0.3309

■ 39.0046, 0.3100,
0.3317

156.7677, 0.3110,
0.3307

■ 26.7633, 0.3096,
0.3321

194.3224, 0.3111,
0.3306

■ 17.3955, 0.3091,
0.3326

237.4414, 0.3112,
0.3305

■ 10.5169, 0.3085,
0.3332

286.5091, 0.3113,
0.3304

■ 5.7430, 0.3075,
0.3341

341.9099, 0.3114,

■ 2.6894, 0.3060,

0.3303

404.0282, 0.3115,
0.3303

0.3356

0.9718, 0.3033,
0.3383

0.0000, 0.0000,
0.0000

73.6453, 0.3105,
0.3312

73.6453, 0.3105,
0.3312

69.9352, 0.3008,
0.3416

77.8551, 0.3203,
0.3219

66.6963, 0.2915,
0.3532

80.8730, 0.3240,
0.3133

63.9117, 0.2829,
0.3659

81.4217, 0.3180,
0.3046

61.5595, 0.2752,
0.3797

81.8017, 0.3141,
0.2990

■ 59.6165, 0.2688,
0.3943

■ 58.0567, 0.2641,
0.4096

■ 56.8513, 0.2612,
0.4253

■ 55.9672, 0.2603,
0.4411

■ 55.3646, 0.2614,
0.4566

Harmonies

Analogous

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



73.6453, 0.3130, 0.3328



73.6453, 0.3105, 0.3312



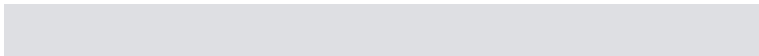
73.6453, 0.3086, 0.3290

Triad

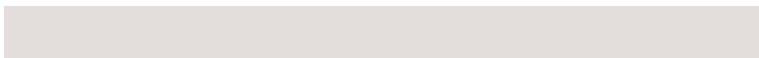
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6453, 0.3105, 0.3312



73.6453, 0.3100, 0.3247



73.6453, 0.3177, 0.3312

Complementary

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



73.6453, 0.3105, 0.3312



71.7119, 0.3150, 0.3268

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.



73.6453, 0.3169, 0.3290



73.6453, 0.3105, 0.3312



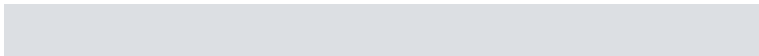
73.6453, 0.3124, 0.3253

Square

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



73.6453, 0.3105, 0.3312



73.6453, 0.3083, 0.3252



73.6453, 0.3149, 0.3269



73.6453, 0.3171, 0.3328

Rectangle

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



73.6453, 0.3105, 0.3312



73.6453, 0.3079, 0.3275



73.6453, 0.3149, 0.3269



73.6453, 0.3175, 0.3305

Sweetspot

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



73.6485, 0.3105, 0.3312



99.4537, 0.3117, 0.3300



73.8167, 0.3139, 0.3345



21.2929, 0.3118, 0.3299



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.



73.6485, 0.3105, 0.3312



98.3813, 0.3098, 0.3320



73.5318, 0.3092, 0.3285



15.9371, 0.3090, 0.3327



32.0551, 0.2628, 0.4660



2.2395, 0.2563, 0.4425

Inverse Universe

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



71.7119, 0.3150, 0.3268



94.9247, 0.3158, 0.3261



71.8244, 0.3163, 0.3295



15.2376, 0.3166, 0.3253



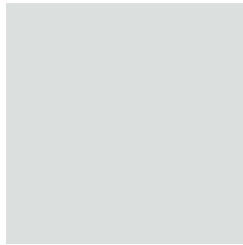
9.6760, 0.5361, 0.2727



0.6881, 0.4955, 0.2503

Previews

White Background



This preview shows how the Yxy color 73.6453, 0.3105, 0.3312 looks on a white background.

Color Contrast Check

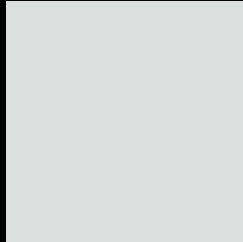
Large Text (above 18pt) WCAG AA × Fail

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 73.6453, 0.3105, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

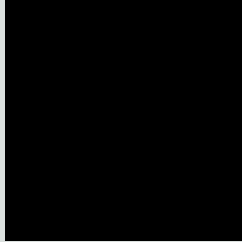
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

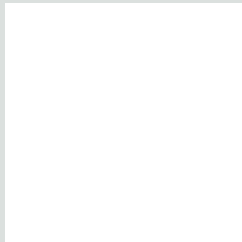
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6453, 0.3105, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 73.6453, 0.3105, 0.3312.

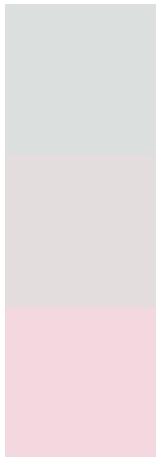


This preview shows how white text looks on a background with the Yxy color 73.6453, 0.3105, 0.3312.

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

73.6453, 0.3105, 0.3312

Protanopia

73.7939, 0.3169, 0.3301

Deuteranopia

73.7266, 0.3277, 0.3208



Tritanopia

73.4745, 0.3018, 0.3099

Trichromacy



Original Color

73.6453, 0.3105, 0.3312

Protanomaly

73.8431, 0.3147, 0.3312

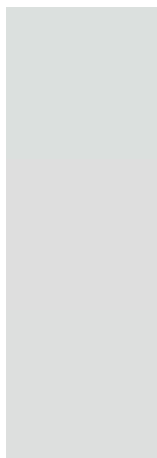
Deuteranomaly

73.6529, 0.3216, 0.3248

Tritanomaly

73.4979, 0.3049, 0.3172

Monochromacy



Original Color

73.6453, 0.3105, 0.3312

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4214, 0.3120, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6453, 0.3105, 0.3312 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(219, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 222)  
}
```

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(219, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 73.6453, 0.3105, 0.3312 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(219, 224, 222) }
```

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

```
.border{ border-color:rgb(219, 224, 222) }
```

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

Here you see how a box with a 4 pixel rgb(219, 224, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6453, 0.3105, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 222) }
```

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

```
.background{ background-color: rgb(219,  
224, 222) }
```

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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