

Converting Colors

$Yxy(73.5897, 0.3109, 0.3376)$

Have a look what the booklet for
Yxy(73.5897, 0.3109, 0.3376)
contains.

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Color

Yxy(73.3595, 0.3103, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	D7E1DA
RGB	215, 225, 218
RGB Percent	84%, 88%, 85%
CMY	0.1568, 0.1176, 0.1452
CMYK	0.04, 0.00, 0.03, 0.12
HSL	138°, 14%, 86%
HSV	138°, 4%, 88%
XYZ	67.6075, 73.3595, 76.9109
YIQ	221.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

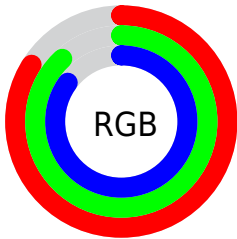
Format	Color
RYB	215, 223, 225
Decimal	14148058
CIELab	88.62, -4.61, 2.26
CIElCh	89, 5.138, 153.902
Yxy	73.3595, 0.3103, 0.3367
Android (android.graphics.Color)	4292338138 (0xFFD7E1DA)
YUV	221.2120, -1.5835, -5.4479
Hunter-Lab	85.6502, -8.9897, 6.7147

Details

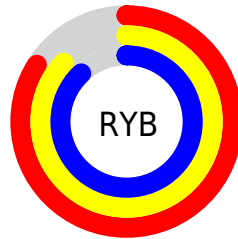
The Yxy color **73.3595, 0.3103, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8983, 0.3152, 0.3214**, and the grayscale version is **72.4798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8674, 0.3095, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **69.3969, 0.3048, 0.3557**, and if you desaturate by 10%, it is **77.8760, 0.3157, 0.3199**.

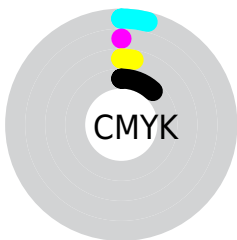
Distribution



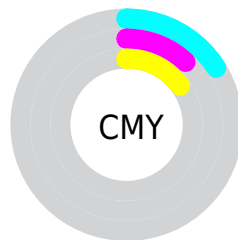
- Red (84%)
- Green (88%)
- Blue (85%)



- Red (84%)
- Yellow (87%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3595, 0.3103, 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 73.3595, 0.3103, 0.3367 by changing the saturation by 10% instead.

■ 73.3595, 0.3103,
0.3367

■ 73.3595, 0.3103,
0.3367

472.2598, 0.3114,
0.3331

■ 54.2700, 0.3100,
0.3375

123.9874, 0.3107,
0.3355

■ 38.8175, 0.3097,
0.3385

156.2946, 0.3108,
0.3350

■ 26.6178, 0.3093,
0.3398

193.7765, 0.3110,
0.3346

■ 17.2864, 0.3088,
0.3415

236.8174, 0.3111,
0.3342

■ 10.4389, 0.3080,
0.3439

285.8019, 0.3112,
0.3339

■ 5.6909, 0.3069,
0.3473

341.1141, 0.3113,

■ 2.6581, 0.3051,

0.3336

0.3528

403.1387, 0.3114,
0.3334

■ 0.9559, 0.3019,
0.3633

■ 0.0000, 0.0000,
0.0000

■ 73.3595, 0.3103,
0.3367

■ 73.3595, 0.3103,
0.3367

■ 69.3969, 0.3048,
0.3557

■ 77.8760, 0.3157,
0.3199

■ 65.9577, 0.2995,
0.3770

■ 81.9913, 0.3175,
0.3050

■ 63.0224, 0.2946,
0.4005

■ 82.3307, 0.3141,
0.2999

■ 60.5667, 0.2902,
0.4259

■ 58.5642, 0.2869,
0.4527

■ 56.9861, 0.2847,
0.4799

■ 55.8000, 0.2841,
0.5065

■ 54.9685, 0.2852,
0.5311

■ 54.4467, 0.2878,
0.5524

Harmonies

Analogous

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



73.3595, 0.3165, 0.3395



73.3595, 0.3103, 0.3367



73.3595, 0.3048, 0.3318

Triad

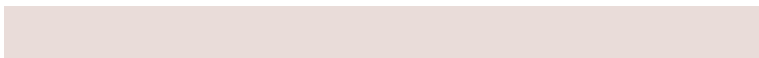
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3595, 0.3103, 0.3367



73.3595, 0.3037, 0.3188



73.3595, 0.3242, 0.3316

Complementary

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



73.3595, 0.3103, 0.3367



69.8983, 0.3152, 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.



73.3595, 0.3207, 0.3262



73.3595, 0.3103, 0.3367



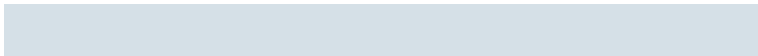
73.3595, 0.3088, 0.3188

Square

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



73.3595, 0.3103, 0.3367



73.3595, 0.3010, 0.3215



73.3595, 0.3151, 0.3215



73.3595, 0.3246, 0.3364

Rectangle

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



73.3595, 0.3103, 0.3367



73.3595, 0.3022, 0.3281



73.3595, 0.3151, 0.3215



73.3595, 0.3234, 0.3298

Sweetspot

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



73.3626, 0.3103, 0.3367



99.4045, 0.3122, 0.3307



74.3155, 0.3172, 0.3398



21.2829, 0.3122, 0.3306



0.0000, 0.0000, 0.0000



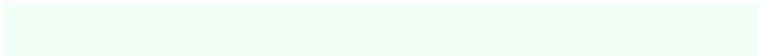
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3626, 0.3103, 0.3367



97.0969, 0.3100, 0.3378



73.6208, 0.3072, 0.3313



15.7355, 0.3096, 0.3389



31.2798, 0.2889, 0.5599



2.1836, 0.2802, 0.5288

Inverse Universe

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



69.8983, 0.3152, 0.3214



91.8924, 0.3156, 0.3204



69.6414, 0.3185, 0.3267



14.7869, 0.3159, 0.3193



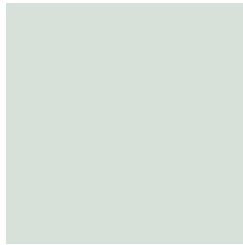
10.6759, 0.4127, 0.2047



0.7555, 0.3952, 0.1951

Previews

White Background



This preview shows how the Yxy color 73.3595, 0.3103, 0.3367 looks on a white background.

Color Contrast Check

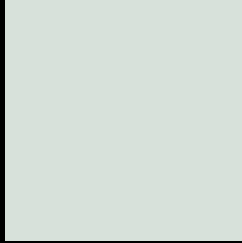
Large Text (above 18pt) WCAG AA × Fail

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 73.3595, 0.3103, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

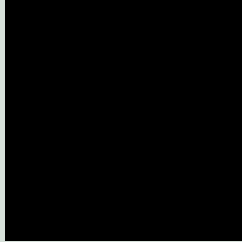
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

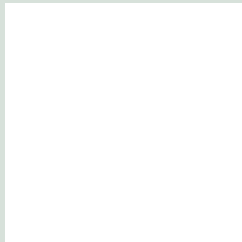
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3595, 0.3103, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 73.3595, 0.3103, 0.3367.

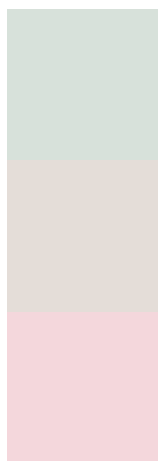


This preview shows how white text looks on a background with the Yxy color 73.3595, 0.3103, 0.3367.

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



Original Color

73.3595, 0.3103, 0.3367

Protanopia

73.1648, 0.3211, 0.3344

Deuteranopia

73.0013, 0.3306, 0.3239



Tritanopia

73.3800, 0.2991, 0.3108

Trichromacy



Original Color

73.3595, 0.3103, 0.3367

Protanomaly

72.9403, 0.3167, 0.3344

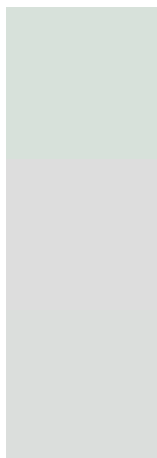
Deuteranomaly

73.1011, 0.3228, 0.3290

Tritanomaly

73.2966, 0.3034, 0.3203

Monochromacy



Original Color

73.3595, 0.3103, 0.3367

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4699, 0.3119, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3595, 0.3103, 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(215, 225, 218) looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 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(215, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 218) }
```

Border

The CSS property to change the border of an element to Yxy 73.3595, 0.3103, 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(215, 225, 218) }
```

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

```
.border{ border-color:rgb(215, 225, 218) }
```

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

Here you see how a box with a 4 pixel rgb(215, 225, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3595, 0.3103, 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(215, 225, 218) }
```

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

```
.background{ background-color: rgb(215,  
225, 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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