

Converting Colors

$Yxy(73.0921, 0.3128, 0.3441)$

Have a look what the booklet for
Yxy(73.0921, 0.3128, 0.3441)
contains.

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Color

Yxy(73.2923, 0.3127, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	D5E2D4
RGB	213, 226, 212
RGB Percent	84%, 89%, 83%
CMY	0.1646, 0.1137, 0.1686
CMYK	0.06, 0.00, 0.06, 0.11
HSL	116°, 19%, 86%
HSV	116°, 6%, 89%
XYZ	66.5269, 73.2923, 72.9306
YIQ	220.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

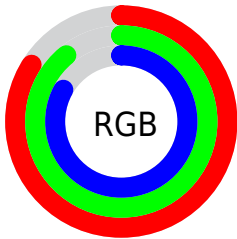
Format	Color
RYB	212, 226, 225
Decimal	14017236
CIELab	88.59, -6.87, 5.33
CIELCh	89, 8.694, 142.171
Yxy	73.2923, 0.3127, 0.3445
Android (android.graphics.Color)	4292207316 (0xFFD5E2D4)
YUV	220.5170, -4.1989, -6.5924
Hunter-Lab	85.6109, -11.1097, 9.4194

Details

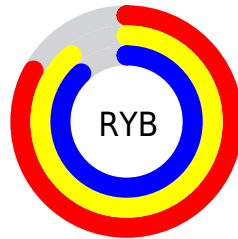
The Yxy color **73.2923, 0.3127, 0.3445** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5842, 0.3127, 0.3139**, and the grayscale version is **71.9867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8292, 0.3127, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **69.3001, 0.3125, 0.3722**, and if you desaturate by 10%, it is **77.8551, 0.3127, 0.3201**.

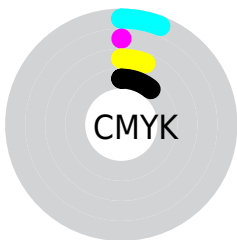
Distribution



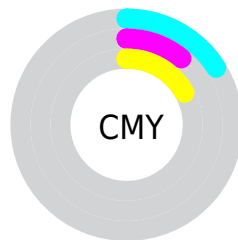
- Red (84%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)




- Cyan (16%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2923, 0.3127, 0.3445 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 73.2923, 0.3127, 0.3445 by changing the saturation by 10% instead.

 73.2923, 0.3127,
0.3445

 73.2923, 0.3127,
0.3445


472.0272, 0.3127,
0.3373

 54.2150, 0.3127,
0.3462


123.8921, 0.3127,
0.3420

 38.7736, 0.3127,
0.3483


156.1834, 0.3127,
0.3410

 26.5836, 0.3126,
0.3509


193.6481, 0.3127,
0.3402

 17.2608, 0.3125,
0.3544

236.6706, 0.3127,
0.3394

 10.4206, 0.3124,
0.3592

285.6355, 0.3127,
0.3388

 5.6787, 0.3122,
0.3663

340.9269, 0.3127,

 2.6507, 0.3117,

0.3382

0.3778

402.9294, 0.3127,
0.3377

■ 0.9522, 0.3131,
0.4051

■ 0.0000, 0.0000,
0.0000

■ 73.2923, 0.3127,
0.3445

■ 73.2923, 0.3127,
0.3445

■ 69.3001, 0.3125,
0.3722

■ 77.8551, 0.3127,
0.3201

■ 65.8470, 0.3121,
0.4032

■ 82.8569, 0.3140,
0.3009

■ 62.9128, 0.3115,
0.4368

■ 82.8713, 0.3140,
0.3009

■ 60.4724, 0.3105,
0.4720

■ 58.4986, 0.3091,
0.5070

■ 56.9615, 0.3074,
0.5392

■ 55.8278, 0.3055,
0.5661

■ 55.0594, 0.3036,
0.5855

■ 54.6105, 0.3017,
0.5964

Harmonies

Analogous

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



73.2923, 0.3230, 0.3473



73.2923, 0.3127, 0.3445



73.2923, 0.3026, 0.3373

Triad

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



73.2923, 0.3127, 0.3445



73.2923, 0.2951, 0.3129



73.2923, 0.3305, 0.3297

Complementary

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



73.2923, 0.3127, 0.3445



68.5842, 0.3127, 0.3139

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.



73.2923, 0.3228, 0.3209



73.2923, 0.3127, 0.3445



73.2923, 0.3024, 0.3113

Square

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



73.2923, 0.3127, 0.3445



73.2923, 0.2925, 0.3190



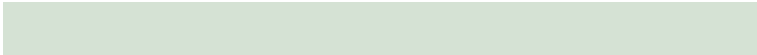
73.2923, 0.3125, 0.3142



73.2923, 0.3333, 0.3386

Rectangle

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



73.2923, 0.3127, 0.3445



73.2923, 0.2972, 0.3311



73.2923, 0.3125, 0.3142



73.2923, 0.3284, 0.3267

Sweetspot

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



73.2954, 0.3127, 0.3445



98.7903, 0.3127, 0.3339



74.6814, 0.3220, 0.3429



21.1579, 0.3127, 0.3337



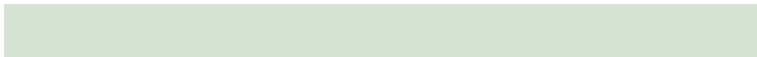
0.0000, 0.0000, 0.0000



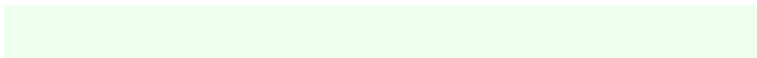
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2954, 0.3127, 0.3445



95.8991, 0.3127, 0.3467



73.4426, 0.3083, 0.3380



15.5522, 0.3127, 0.3481



31.1156, 0.3017, 0.5987



2.1738, 0.3064, 0.5949

Inverse Universe

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



68.5842, 0.3127, 0.3139



88.8887, 0.3127, 0.3118



68.4344, 0.3174, 0.3202



14.3343, 0.3127, 0.3105



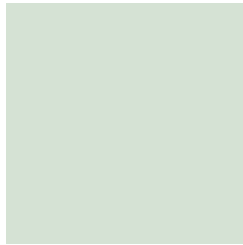
10.9286, 0.3027, 0.1441



0.7730, 0.3057, 0.1458

Previews

White Background



This preview shows how the Yxy color 73.2923, 0.3127, 0.3445 looks on a white background.

Color Contrast Check

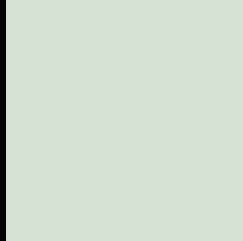
Large Text (above 18pt) WCAG AA × Fail

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 73.2923, 0.3127, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

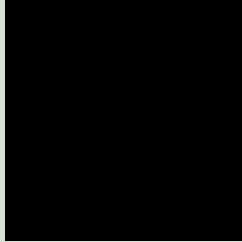
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

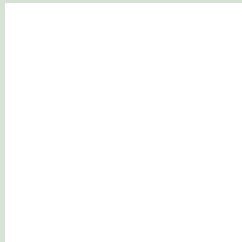
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2923, 0.3127, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 73.2923, 0.3127, 0.3445.

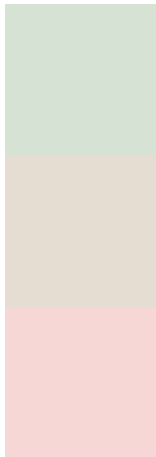


This preview shows how white text looks on a background with the Yxy color 73.2923, 0.3127, 0.3445.

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

73.2923, 0.3127, 0.3445

Protanopia

72.9744, 0.3265, 0.3420

Deuteranopia

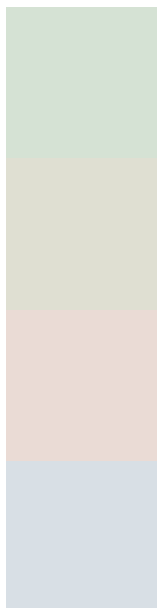
73.0487, 0.3364, 0.3301



Tritanopia

73.2263, 0.2984, 0.3108

Trichromacy



Original Color

73.2923, 0.3127, 0.3445

Protanomaly

73.1165, 0.3213, 0.3432

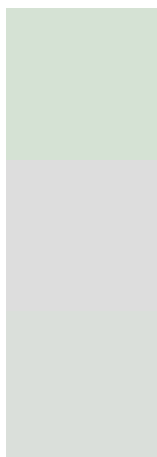
Deuteranomaly

72.9596, 0.3277, 0.3354

Tritanomaly

73.0314, 0.3040, 0.3225

Monochromacy



Original Color

73.2923, 0.3127, 0.3445

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7427, 0.3125, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2923, 0.3127, 0.3445 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, 226, 212)` looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 212)  
}
```

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, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 212) }
```

Border

The CSS property to change the border of an element to Yxy 73.2923, 0.3127, 0.3445 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, 226, 212) }
```

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

```
.border{ border-color:rgb(213, 226, 212) }
```

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

Here you see how a box with a 4 pixel rgb(213, 226, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 226,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2923, 0.3127, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 212) }
```

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

```
.background{ background-color: rgb(213,  
226, 212) }
```

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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