

Converting Colors

$Yxy(73.3445, 0.3155, 0.3421)$

Have a look what the booklet for
Yxy(73.3445, 0.3155, 0.3421)
contains.

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Color

Yxy(73.5599, 0.3156, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	DAE1D5
RGB	218, 225, 213
RGB Percent	85%, 88%, 84%
CMY	0.1452, 0.1176, 0.1648
CMYK	0.03, 0.00, 0.05, 0.12
HSL	95°, 17%, 86%
HSV	95°, 5%, 88%
XYZ	67.8419, 73.5599, 73.5599
YIQ	221.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

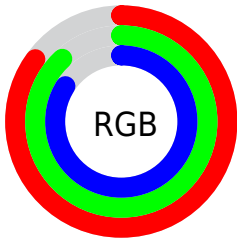
Format	Color
RYB	213, 225, 220
Decimal	14344661
CIELab	88.71, -4.51, 5.05
CIELCh	89, 6.770, 131.763
Yxy	73.5599, 0.3156, 0.3422
Android (android.graphics.Color)	4292534741 (0xFFDAE1D5)
YUV	221.5390, -4.2097, -3.1037
Hunter-Lab	85.7671, -8.8985, 9.1857

Details

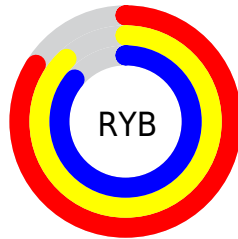
The Yxy color **73.5599, 0.3156, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2339, 0.3097, 0.3159**, and the grayscale version is **72.7342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0046, 0.3165, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **70.5507, 0.3209, 0.3687**, and if you desaturate by 10%, it is **76.8949, 0.3102, 0.3181**.

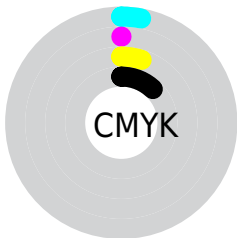
Distribution



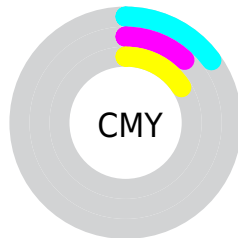
- Red (85%)
- Green (88%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5599, 0.3156, 0.3422 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 73.5599, 0.3156, 0.3422 by changing the saturation by 10% instead.

■ 73.5599, 0.3156,
0.3422

■ 73.5599, 0.3156,
0.3422

472.9530, 0.3143,
0.3361

■ 54.4339, 0.3159,
0.3436

124.2717, 0.3152,
0.3401

■ 38.9487, 0.3163,
0.3454

156.6264, 0.3150,
0.3392

■ 26.7198, 0.3167,
0.3476

194.1593, 0.3148,
0.3385

■ 17.3629, 0.3173,
0.3505

237.2550, 0.3147,
0.3379

■ 10.4936, 0.3181,
0.3546

286.2979, 0.3146,
0.3374

■ 5.7274, 0.3192,
0.3605

341.6722, 0.3145,

■ 2.6800, 0.3208,

0.3369

0.3700

403.7625, 0.3144,
0.3364

0.9671, 0.3265,
0.3913

0.0000, 0.0000,
0.0000

73.5599, 0.3156,
0.3422

73.5599, 0.3156,
0.3422

70.5507, 0.3209,
0.3687

76.8949, 0.3102,
0.3181

67.8476, 0.3260,
0.3975

80.3622, 0.3068,
0.2993

65.4431, 0.3305,
0.4279

82.3377, 0.3141,
0.2999

63.3255, 0.3342,
0.4591

■ 61.4826, 0.3365,
0.4897

■ 59.9011, 0.3371,
0.5183

■ 58.5662, 0.3358,
0.5430

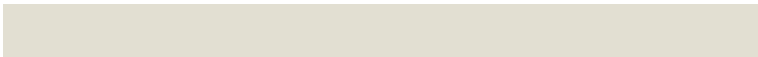
■ 57.4613, 0.3326,
0.5624

■ 56.5668, 0.3276,
0.5755

Harmonies

Analogous

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



73.5599, 0.3231, 0.3430



73.5599, 0.3156, 0.3422



73.5599, 0.3074, 0.3377

Triad

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



73.5599, 0.3156, 0.3422



73.5599, 0.2978, 0.3178



73.5599, 0.3248, 0.3271

Complementary

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



73.5599, 0.3156, 0.3422



68.2339, 0.3097, 0.3159

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.



73.5599, 0.3179, 0.3206



73.5599, 0.3156, 0.3422



73.5599, 0.3024, 0.3152

Square

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



73.5599, 0.3156, 0.3422



73.5599, 0.2973, 0.3235



73.5599, 0.3097, 0.3163



73.5599, 0.3285, 0.3342

Rectangle

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



73.5599, 0.3156, 0.3422



73.5599, 0.3027, 0.3332



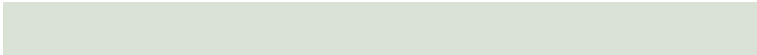
73.5599, 0.3097, 0.3163



73.5599, 0.3228, 0.3248

Sweetspot

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



73.5631, 0.3156, 0.3422



99.1148, 0.3138, 0.3339



71.9992, 0.3210, 0.3366



21.2239, 0.3137, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

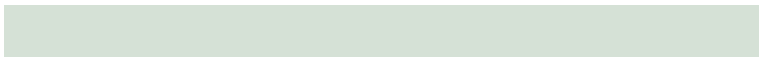
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5631, 0.3156, 0.3422



97.3964, 0.3160, 0.3440



72.8552, 0.3114, 0.3412



15.8027, 0.3163, 0.3454



32.4511, 0.3261, 0.5793



2.3010, 0.3383, 0.5696

Inverse Universe

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



68.2339, 0.3097, 0.3159



89.4381, 0.3093, 0.3141



68.9711, 0.3140, 0.3171



14.3920, 0.3089, 0.3127



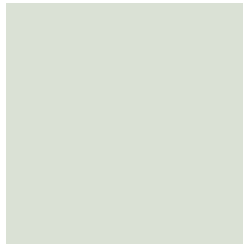
6.0078, 0.2201, 0.0986



0.4686, 0.2353, 0.1070

Previews

White Background



This preview shows how the Yxy color 73.5599, 0.3156, 0.3422 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 73.5599, 0.3156, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

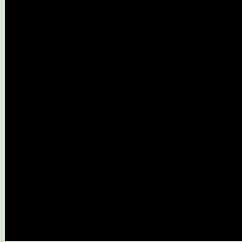
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

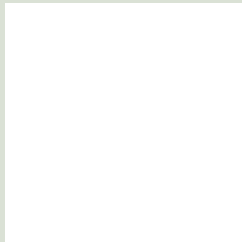
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5599, 0.3156, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 73.5599, 0.3156, 0.3422.

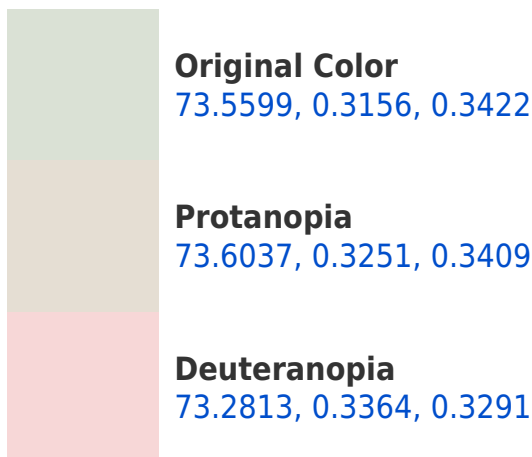


This preview shows how white text looks on a background with the Yxy color 73.5599, 0.3156, 0.3422.

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

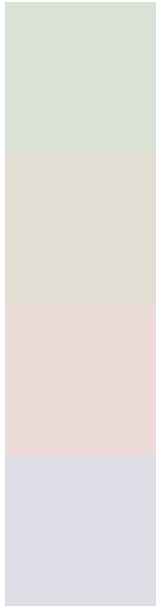




Tritanopia

73.4745, 0.3018, 0.3099

Trichromacy



Original Color

73.5599, 0.3156, 0.3422

Protanomaly

73.5364, 0.3214, 0.3409

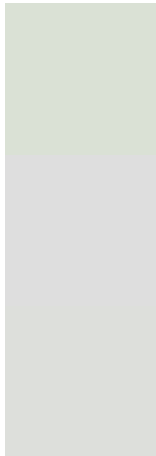
Deuteranomaly

73.3509, 0.3285, 0.3343

Tritanomaly

73.3279, 0.3068, 0.3204

Monochromacy



Original Color

73.5599, 0.3156, 0.3422

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2620, 0.3139, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5599, 0.3156, 0.3422 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(218, 225, 213) looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 213)  
}
```

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(218, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 213) }
```

Border

The CSS property to change the border of an element to Yxy 73.5599, 0.3156, 0.3422 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(218, 225, 213) }
```

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

```
.border{ border-color:rgb(218, 225, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5599, 0.3156, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 213) }
```

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

```
.background{ background-color: rgb(218,  
225, 213) }
```

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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