

Converting Colors

$Yxy(73.3234, 0.3196, 0.3545)$

Have a look what the booklet for
Yxy(73.3234, 0.3196, 0.3545)
contains.

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Color

Yxy(73.1516, 0.3199, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	D7E2CB
RGB	215, 226, 203
RGB Percent	84%, 89%, 80%
CMY	0.1570, 0.1137, 0.2039
CMYK	0.05, 0.00, 0.10, 0.11
HSL	89°, 28%, 84%
HSV	89°, 10%, 89%
XYZ	65.9932, 73.1516, 67.1485
YIQ	220.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

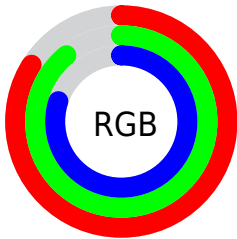
Format	Color
R _Y B	203, 226, 214
Decimal	14148299
CIE Lab	88.52, -7.77, 9.97
CIE LCh	89, 12.639, 127.928
Yxy	73.1516, 0.3199, 0.3546
Android (android.graphics.Color)	4292338379 (0xFFD7E2CB)
YUV	220.0890, -8.4249, -4.4631
Hunter-Lab	85.5287, -11.9462, 13.3216

Details

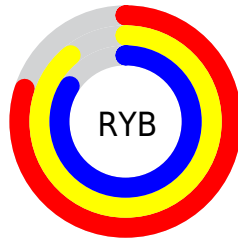
The Yxy color **73.1516, 0.3199, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5155, 0.3049, 0.3034**, and the grayscale version is **71.6937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7693, 0.3212, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **70.5651, 0.3269, 0.3818**, and if you desaturate by 10%, it is **76.0106, 0.3128, 0.3294**.

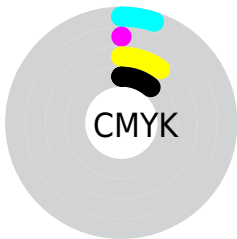
Distribution



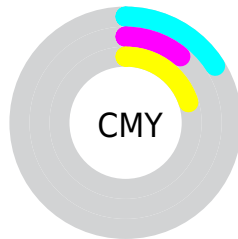
- Red (84%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.1516, 0.3199, 0.3546 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 73.1516, 0.3199, 0.3546 by changing the saturation by 10% instead.

■ 73.1516, 0.3199,
0.3546

■ 73.1516, 0.3199,
0.3546

471.5401, 0.3167,
0.3426

■ 54.0999, 0.3206,
0.3574

123.6924, 0.3188,
0.3504

■ 38.6816, 0.3215,
0.3608

155.9503, 0.3184,
0.3488

■ 26.5121, 0.3226,
0.3653

193.3791, 0.3180,
0.3474

■ 17.2071, 0.3240,
0.3711

236.3632, 0.3176,
0.3462

■ 10.3823, 0.3258,
0.3792

285.2869, 0.3174,
0.3451

■ 5.6532, 0.3284,
0.3911

340.5347, 0.3171,

■ 2.6353, 0.3320,

0.3442

0.4103

402.4910, 0.3169,
0.3433

0.9445, 0.3568,
0.4767

0.0000, 0.0000,
0.0000

73.1516, 0.3199,
0.3546

73.1516, 0.3199,
0.3546

70.5651, 0.3269,
0.3818

76.0106, 0.3128,
0.3294

68.2328, 0.3335,
0.4107

79.1410, 0.3059,
0.3065

66.1484, 0.3394,
0.4404

81.4930, 0.3090,
0.3005

64.3018, 0.3441,
0.4700

82.8807, 0.3140,
0.3009

■ 62.6821, 0.3471,
0.4981

■ 61.2773, 0.3482,
0.5233

■ 60.0739, 0.3469,
0.5440

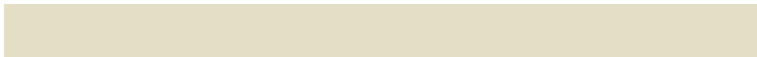
■ 59.0562, 0.3435,
0.5594

■ 58.2126, 0.3384,
0.5695

Harmonies

Analogous

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



73.1516, 0.3335, 0.3550



73.1516, 0.3199, 0.3546



73.1516, 0.3046, 0.3468

Triad

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



73.1516, 0.3199, 0.3546



73.1516, 0.2845, 0.3090



73.1516, 0.3340, 0.3237

Complementary

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



73.1516, 0.3199, 0.3546



62.5155, 0.3049, 0.3034

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.



73.1516, 0.3204, 0.3121



73.1516, 0.3199, 0.3546



73.1516, 0.2920, 0.3036

Square

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



73.1516, 0.3199, 0.3546



73.1516, 0.2844, 0.3200



73.1516, 0.3050, 0.3049



73.1516, 0.3419, 0.3368

Rectangle

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



73.1516, 0.3199, 0.3546



73.1516, 0.2955, 0.3386



73.1516, 0.3050, 0.3049



73.1516, 0.3299, 0.3195

Sweetspot

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



73.1548, 0.3199, 0.3546



98.8266, 0.3148, 0.3364



68.4488, 0.3293, 0.3409



21.0870, 0.3154, 0.3384



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.



73.1548, 0.3199, 0.3546



95.5012, 0.3212, 0.3596



71.5194, 0.3120, 0.3552



15.6857, 0.3194, 0.3527



33.2766, 0.3395, 0.5686



2.3598, 0.3510, 0.5595

Inverse Universe

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



62.5155, 0.3049, 0.3034



79.1149, 0.3033, 0.2983



64.2573, 0.3133, 0.3040



13.5647, 0.3055, 0.3053



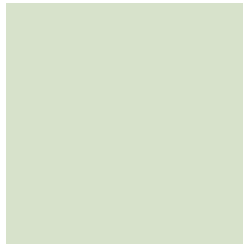
5.0420, 0.1989, 0.0869



0.4026, 0.2159, 0.0963

Previews

White Background



This preview shows how the Yxy color 73.1516, 0.3199, 0.3546 looks on a white background.

Color Contrast Check

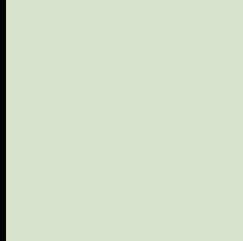
Large Text (above 18pt) WCAG AA × Fail

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 73.1516, 0.3199, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

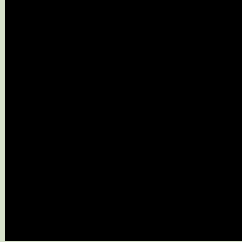
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

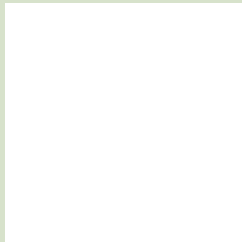
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1516, 0.3199, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 73.1516, 0.3199, 0.3546.

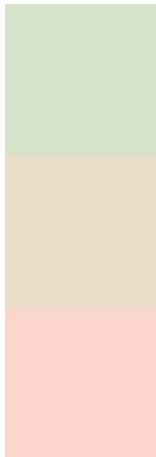


This preview shows how white text looks on a background with the Yxy color 73.1516, 0.3199, 0.3546.

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

73.1516, 0.3199, 0.3546

Protanopia

72.8720, 0.3342, 0.3518

Deuteranopia

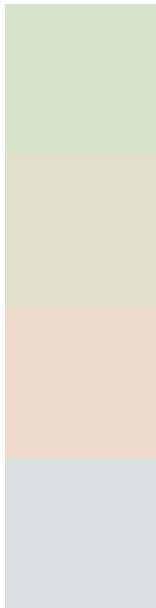
72.8249, 0.3461, 0.3384



Tritanopia

73.1016, 0.3011, 0.3108

Trichromacy



Original Color

73.1516, 0.3199, 0.3546

Protanomaly

73.0000, 0.3288, 0.3531

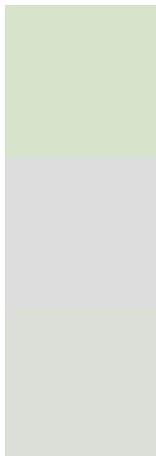
Deuteranomaly

72.5070, 0.3363, 0.3440

Tritanomaly

73.1170, 0.3079, 0.3268

Monochromacy



Original Color

73.1516, 0.3199, 0.3546

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.0030, 0.3151, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1516, 0.3199, 0.3546 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, 226, 203) looks like.

```
.text, #text, p{  
    color:rgb(215, 226, 203)  
}
```

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, 226, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 226, 203) }
```

Border

The CSS property to change the border of an element to Yxy 73.1516, 0.3199, 0.3546 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, 226, 203) }
```

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

```
.border{ border-color:rgb(215, 226, 203) }
```

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

Here you see how a box with a 4 pixel rgb(215, 226, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 226, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 226, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 226,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1516, 0.3199, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 226, 203) }
```

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

```
.background{ background-color: rgb(215,  
226, 203) }
```

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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