

Converting Colors

$Yxy(73.6483, 0.3153, 0.3417)$

Have a look what the booklet for
Yxy(73.6483, 0.3153, 0.3417)
contains.

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Color

Yxy(73.6109, 0.3150, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	DAE1D6
RGB	218, 225, 214
RGB Percent	85%, 88%, 84%
CMY	0.1450, 0.1176, 0.1609
CMYK	0.03, 0.00, 0.05, 0.12
HSL	98°, 16%, 86%
HSV	98°, 5%, 88%
XYZ	67.9784, 73.6109, 74.2152
YIQ	221.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

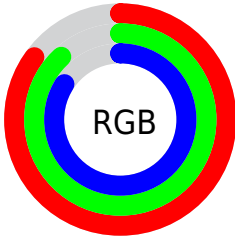
Format	Color
R _Y B	214, 225, 221
Decimal	14344662
CIE Lab	88.74, -4.31, 4.57
CIE LCh	89, 6.286, 133.338
Yxy	73.6109, 0.3150, 0.3411
Android (android.graphics.Color)	4292534742 (0xFFDAE1D6)
YUV	221.6530, -3.7729, -3.2037
Hunter-Lab	85.7968, -8.7155, 8.7713

Details

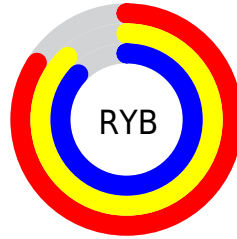
The Yxy color **73.6109, 0.3150, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8696, 0.3103, 0.3170**, and the grayscale version is **72.8199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0392, 0.3156, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **70.4458, 0.3196, 0.3677**, and if you desaturate by 10%, it is **77.1288, 0.3104, 0.3171**.

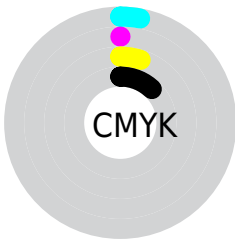
Distribution



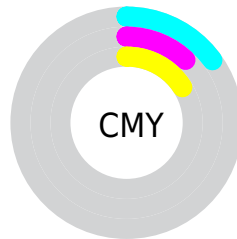
- Red (85%)
- Green (88%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6109, 0.3150, 0.3411 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 73.6109, 0.3150, 0.3411 by changing the saturation by 10% instead.

■ 73.6109, 0.3150,
0.3411

■ 73.6109, 0.3150,
0.3411

473.1294, 0.3140,
0.3355

■ 54.4756, 0.3152,
0.3424

124.3441, 0.3146,
0.3391

■ 38.9821, 0.3155,
0.3440

156.7108, 0.3145,
0.3384

■ 26.7458, 0.3159,
0.3460

194.2567, 0.3144,
0.3377

■ 17.3824, 0.3163,
0.3487

237.3664, 0.3143,
0.3372

■ 10.5075, 0.3169,
0.3524

286.4240, 0.3142,
0.3367

■ 5.7367, 0.3178,
0.3578

341.8142, 0.3141,

■ 2.6857, 0.3191,

0.3362

403.9212, 0.3140,
0.3358

0.3665

0.9699, 0.3234,
0.3852

0.0000, 0.0000,
0.0000

73.6109, 0.3150,
0.3411

73.6109, 0.3150,
0.3411

70.4458, 0.3196,
0.3677

77.1288, 0.3104,
0.3171

67.6129, 0.3239,
0.3966

80.7429, 0.3083,
0.2994

65.1034, 0.3277,
0.4273

82.3310, 0.3141,
0.2999

62.9050, 0.3306,
0.4591

■ 61.0040, 0.3324,
0.4905

■ 59.3862, 0.3325,
0.5200

■ 58.0354, 0.3309,
0.5455

■ 56.9337, 0.3275,
0.5656

■ 56.0601, 0.3226,
0.5792

Harmonies

Analogous

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



73.6109, 0.3220, 0.3421



73.6109, 0.3150, 0.3411



73.6109, 0.3074, 0.3368

Triad

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



73.6109, 0.3150, 0.3411



73.6109, 0.2990, 0.3184



73.6109, 0.3242, 0.3276

Complementary

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



73.6109, 0.3150, 0.3411



68.8696, 0.3103, 0.3170

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.



73.6109, 0.3179, 0.3215



73.6109, 0.3150, 0.3411



73.6109, 0.3034, 0.3162

Square

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



73.6109, 0.3150, 0.3411



73.6109, 0.2983, 0.3236



73.6109, 0.3103, 0.3173



73.6109, 0.3274, 0.3342

Rectangle

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



73.6109, 0.3150, 0.3411



73.6109, 0.3031, 0.3326



73.6109, 0.3103, 0.3173



73.6109, 0.3224, 0.3254

Sweetspot

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



73.6141, 0.3150, 0.3411



99.5328, 0.3132, 0.3314



72.4512, 0.3203, 0.3364



21.3091, 0.3132, 0.3313



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.



73.6141, 0.3150, 0.3411



97.2675, 0.3155, 0.3440



73.0599, 0.3113, 0.3398



15.7799, 0.3158, 0.3454



32.1509, 0.3209, 0.5834



2.2782, 0.3330, 0.5738

Inverse Universe

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



68.8696, 0.3103, 0.3170



89.5693, 0.3097, 0.3141



69.4463, 0.3141, 0.3185



14.4153, 0.3094, 0.3127



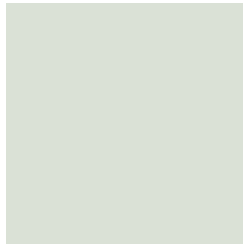
6.5165, 0.2305, 0.1043



0.5020, 0.2444, 0.1120

Previews

White Background



This preview shows how the Yxy color 73.6109, 0.3150, 0.3411 looks on a white background.

Color Contrast Check

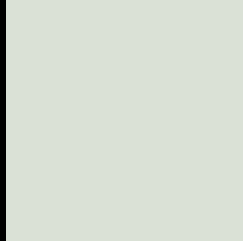
Large Text (above 18pt) WCAG AA × Fail

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 73.6109, 0.3150, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

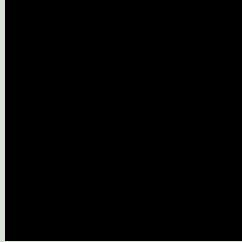
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

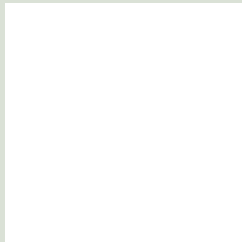
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6109, 0.3150, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 73.6109, 0.3150, 0.3411.

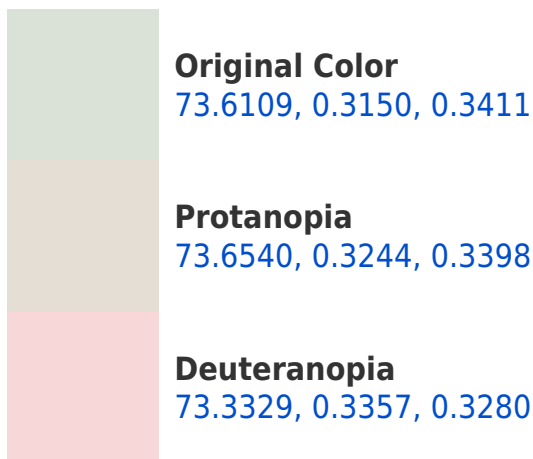


This preview shows how white text looks on a background with the Yxy color 73.6109, 0.3150, 0.3411.

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

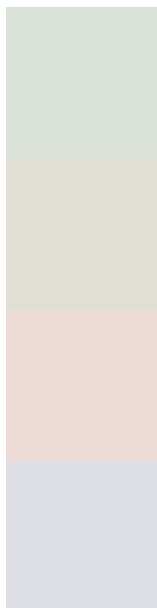




Tritanopia

73.4745, 0.3018, 0.3099

Trichromacy



Original Color

73.6109, 0.3150, 0.3411

Protanomaly

73.5870, 0.3207, 0.3398

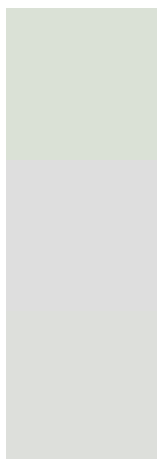
Deuteranomaly

73.4022, 0.3278, 0.3333

Tritanomaly

73.3279, 0.3068, 0.3204

Monochromacy



Original Color

73.6109, 0.3150, 0.3411

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 73.6109, 0.3150, 0.3411 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 214) }
```

Border

The CSS property to change the border of an element to Yxy 73.6109, 0.3150, 0.3411 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, 214) }
```

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

```
.border{ border-color:rgb(218, 225, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6109, 0.3150, 0.3411 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, 214) }
```

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

```
.background{ background-color: rgb(218,  
225, 214) }
```

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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