

Converting Colors

$Yxy(73.6551, 0.3307, 0.3660)$

Have a look what the booklet for
Yxy(73.6551, 0.3307, 0.3660)
contains.

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Color

Yxy(73.6151, 0.3309, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	DDE2C1
RGB	221, 226, 193
RGB Percent	87%, 89%, 76%
CMY	0.1332, 0.1137, 0.2431
CMYK	0.02, 0.00, 0.15, 0.11
HSL	69°, 36%, 82%
HSV	69°, 15%, 89%
XYZ	66.6463, 73.6151, 61.1479
YIQ	220.7430, 7.6130, -11.3230

Conversions

Conversions Part 2

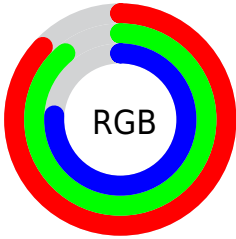
Format	Color
RYB	193, 226, 198
Decimal	14541505
CIELab	88.74, -7.26, 15.58
CIELCh	89, 17.189, 114.993
Yxy	73.6151, 0.3309, 0.3655
Android (android.graphics.Color)	4292731585 (0xFFDDE2C1)
YUV	220.7430, -13.6773, 0.2254
Hunter-Lab	85.7992, -11.4951, 17.8044

Details

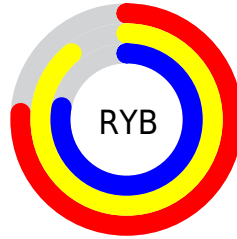
The Yxy color **73.6151, 0.3309, 0.3655** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.6332, 0.2929, 0.2906**, and the grayscale version is **72.2146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **39.0969, 0.3355, 0.3753** is the 20% darker color. If you saturate the color by 10%, you get **72.1563, 0.3435, 0.3916**, and if you desaturate by 10%, it is **75.2454, 0.3184, 0.3402**.

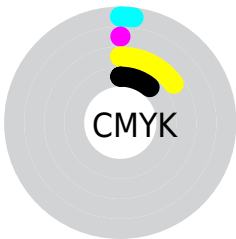
Distribution



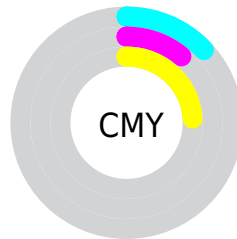
- Red (87%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)





- Cyan (13%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6151, 0.3309, 0.3655 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 73.6151, 0.3309, 0.3655 by changing the saturation by 10% instead.


 73.6151, 0.3309,
0.3655

 73.6151, 0.3309,
0.3655

473.1439, 0.3226,
0.3484

 54.4791, 0.3327,
0.3695

 124.3500, 0.3281,
0.3595

 38.9848, 0.3350,
0.3744

156.7177, 0.3269,
0.3572

 26.7479, 0.3378,
0.3806

194.2648, 0.3260,
0.3552

 17.3840, 0.3415,
0.3888

237.3755, 0.3251,
0.3535

 10.5086, 0.3463,
0.4001

286.4344, 0.3244,
0.3520

 5.7375, 0.3529,
0.4166

341.8259, 0.3237,

 2.6861, 0.3623,

0.3507

0.4425

403.9342, 0.3232,
0.3495

■ 0.9701, 0.4335,
0.5665

■ 0.0000, 0.0000,
0.0000

■ 73.6151, 0.3309,
0.3655

■ 73.6151, 0.3309,
0.3655

■ 72.1563, 0.3435,
0.3916

■ 75.2454, 0.3184,
0.3402

■ 70.8521, 0.3557,
0.4178

■ 77.0440, 0.3062,
0.3162


■ 69.6984, 0.3669,
0.4431


■ 78.6411, 0.2981,
0.2995


■ 68.6867, 0.3768,
0.4666


■ 79.2142, 0.3004,
0.2997

 67.8081, 0.3846,
0.4871


 79.7983, 0.3026,
0.2999

 67.0524, 0.3901,
0.5038


 80.3935, 0.3049,
0.3001


 66.4076, 0.3929,
0.5160

 81.0000, 0.3072,
0.3003

 65.8593, 0.3932,
0.5236

 81.6177, 0.3095,
0.3005

 65.5908, 0.3926,
0.5264

 82.2468, 0.3118,
0.3007

Harmonies

Analogous

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



73.6151, 0.3469, 0.3613



73.6151, 0.3309, 0.3655



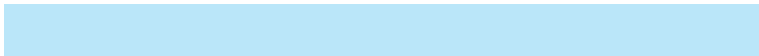
73.6151, 0.3104, 0.3592

Triad

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



73.6151, 0.3309, 0.3655



73.6151, 0.2734, 0.3074



73.6151, 0.3343, 0.3146

Complementary

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



73.6151, 0.3309, 0.3655



55.6332, 0.2929, 0.2906

Split Complementary

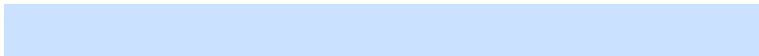
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6151, 0.3140, 0.3013



73.6151, 0.3309, 0.3655



73.6151, 0.2792, 0.2967

Square

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



73.6151, 0.3309, 0.3655



73.6151, 0.2776, 0.3246



73.6151, 0.2939, 0.2947



73.6151, 0.3490, 0.3317

Rectangle

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



73.6151, 0.3309, 0.3655



73.6151, 0.2970, 0.3497



73.6151, 0.2939, 0.2947



73.6151, 0.3279, 0.3095

Sweetspot

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



73.6183, 0.3309, 0.3655



99.0700, 0.3177, 0.3388



60.3842, 0.3390, 0.3347



21.1685, 0.3186, 0.3407



0.0000, 0.0000, 0.0000



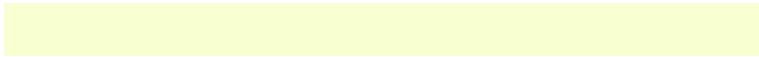
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6183, 0.3309, 0.3655



96.1001, 0.3353, 0.3746



71.1573, 0.3190, 0.3669



15.9195, 0.3244, 0.3523



37.4617, 0.3931, 0.5261



2.6254, 0.3974, 0.5227

Inverse Universe

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



55.6332, 0.2929, 0.2906



67.4715, 0.2875, 0.2804



57.9949, 0.3054, 0.2920



13.3419, 0.3004, 0.3049



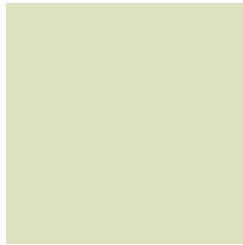
3.3590, 0.1564, 0.0635



0.2642, 0.1686, 0.0703

Previews

White Background



This preview shows how the Yxy color 73.6151, 0.3309, 0.3655 looks on a white background.

Color Contrast Check

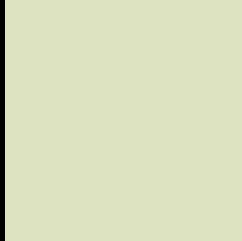
Large Text (above 18pt) WCAG AA × Fail

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 73.6151, 0.3309, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

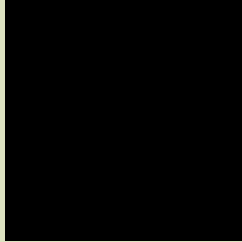
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

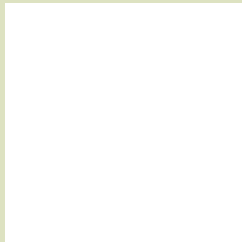
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6151, 0.3309, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 73.6151, 0.3309, 0.3655.



This preview shows how white text looks on a background with the Yxy color 73.6151, 0.3309, 0.3655.

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

73.6151, 0.3309, 0.3655

Protanopia

73.4966, 0.3425, 0.3625

Deuteranopia

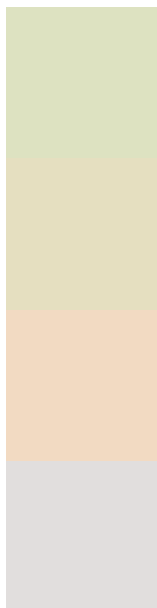
73.1041, 0.3566, 0.3487



Tritanopia

73.6317, 0.3065, 0.3111

Trichromacy



Original Color

73.6151, 0.3309, 0.3655

Protanomaly

73.2391, 0.3379, 0.3628

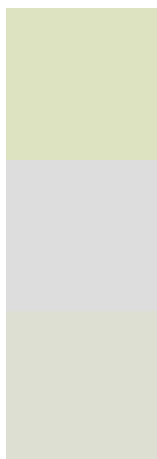
Deuteranomaly

72.9151, 0.3473, 0.3545

Tritanomaly

73.4706, 0.3155, 0.3301

Monochromacy



Original Color

73.6151, 0.3309, 0.3655

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8507, 0.3192, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6151, 0.3309, 0.3655 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(221, 226, 193)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 193)  
}
```

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(221, 226, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 193) }
```

Border

The CSS property to change the border of an element to Yxy 73.6151, 0.3309, 0.3655 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(221, 226, 193) }
```

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

```
.border{ border-color:rgb(221, 226, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 226, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 226, 193); box-shadow:4px 4px 4px 4px rgb(221, 226, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6151, 0.3309, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 193) }
```

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

```
.background{ background-color: rgb(221,  
226, 193) }
```

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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