

Converting Colors

$Y_{xy}(73.1859, 0.3205, 0.3455)$

Have a look what the booklet for
Yxy(73.1859, 0.3205, 0.3455)
contains.

Yxy(73.2869, 0.3204, 0.3454)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.2869, 0.3204, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	DDE0D1
RGB	221, 224, 209
RGB Percent	87%, 88%, 82%
CMY	0.1334, 0.1215, 0.1802
CMYK	0.01, 0.00, 0.07, 0.12
HSL	72°, 19%, 85%
HSV	72°, 7%, 88%
XYZ	67.9824, 73.2869, 70.9105
YIQ	221.3930, 3.0270, -5.3010

Conversions

Conversions Part 2

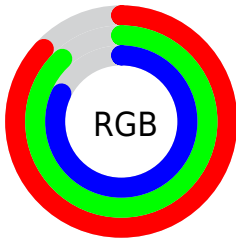
Format	Color
R_{YB}	209, 224, 212
Decimal	14541009
CIE _{Lab}	88.58, -3.64, 6.96
CIE _{LCh}	89, 7.854, 117.625
Yxy	73.2869, 0.3204, 0.3454
Android (android.graphics.Color)	4292731089 (0xFFDDE0D1)
YUV	221.3930, -6.1097, -0.3447
Hunter-Lab	85.6078, -8.0641, 10.8144

Details

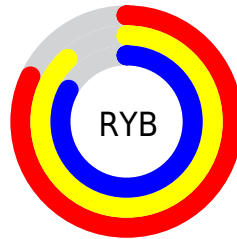
The Yxy color **73.2869, 0.3204, 0.3454** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0111, 0.3047, 0.3123**, and the grayscale version is **72.6407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8495, 0.3219, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **71.5555, 0.3321, 0.3711**, and if you desaturate by 10%, it is **75.1999, 0.3090, 0.3211**.

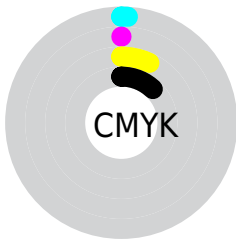
Distribution



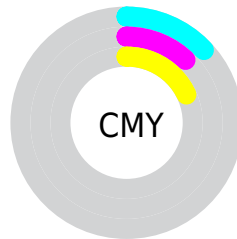
- Red (87%)
- Green (88%)
- Blue (82%)



- Red (82%)
- Yellow (88%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2869, 0.3204, 0.3454 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 73.2869, 0.3204, 0.3454 by changing the saturation by 10% instead.

■ 73.2869, 0.3204,
0.3454

■ 73.2869, 0.3204,
0.3454

472.0086, 0.3169,
0.3378

■ 54.2106, 0.3212,
0.3472

123.8844, 0.3192,
0.3427

■ 38.7700, 0.3222,
0.3493

156.1744, 0.3187,
0.3417

■ 26.5809, 0.3234,
0.3521

193.6378, 0.3183,
0.3408

■ 17.2587, 0.3250,
0.3558

236.6589, 0.3179,
0.3401

■ 10.4191, 0.3272,
0.3608

285.6221, 0.3176,
0.3394

■ 5.6777, 0.3304,
0.3681

340.9118, 0.3173,

■ 2.6501, 0.3352,

0.3388

0.3798

402.9125, 0.3171,
0.3382

0.9519, 0.3518,
0.4113

0.0000, 0.0000,
0.0000

73.2869, 0.3204,
0.3454

73.2869, 0.3204,
0.3454

71.5555, 0.3321,
0.3711

75.1999, 0.3090,
0.3211

69.9894, 0.3437,
0.3975

77.2912, 0.2980,
0.2985

68.5849, 0.3548,
0.4242

78.1251, 0.3003,
0.2976

67.3343, 0.3649,
0.4500

78.9043, 0.3033,
0.2979

66.2293, 0.3734,
0.4738

79.7034, 0.3064,
0.2982

65.2607, 0.3799,
0.4947

80.5223, 0.3095,
0.2985

64.4181, 0.3839,
0.5116

81.3613, 0.3126,
0.2988

63.6894, 0.3853,
0.5239

81.7954, 0.3141,
0.2990

63.0593, 0.3842,
0.5316

Harmonies

Analogous

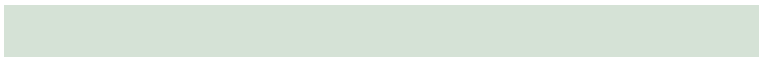
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2869, 0.3279, 0.3442



73.2869, 0.3204, 0.3454



73.2869, 0.3110, 0.3421

Triad

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



73.2869, 0.3204, 0.3454



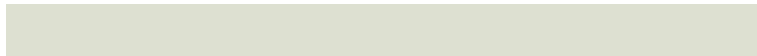
73.2869, 0.2945, 0.3187



73.2869, 0.3233, 0.3230

Complementary

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



73.2869, 0.3204, 0.3454



65.0111, 0.3047, 0.3123

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.



73.2869, 0.3143, 0.3165



73.2869, 0.3204, 0.3454



73.2869, 0.2977, 0.3139

Square

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



73.2869, 0.3204, 0.3454



73.2869, 0.2961, 0.3264



73.2869, 0.3049, 0.3131



73.2869, 0.3296, 0.3312

Rectangle

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



73.2869, 0.3204, 0.3454



73.2869, 0.3048, 0.3377



73.2869, 0.3049, 0.3131



73.2869, 0.3205, 0.3206

Sweetspot

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



73.2901, 0.3204, 0.3454



99.4807, 0.3150, 0.3339



67.5586, 0.3237, 0.3323



21.2984, 0.3149, 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.



73.2901, 0.3204, 0.3454



97.9808, 0.3220, 0.3489



72.1467, 0.3151, 0.3457



15.8823, 0.3236, 0.3524



36.6379, 0.3841, 0.5332



2.5754, 0.3898, 0.5287

Inverse Universe

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



65.0111, 0.3047, 0.3123



84.7110, 0.3030, 0.3087



66.1443, 0.3102, 0.3126



13.3761, 0.3012, 0.3050



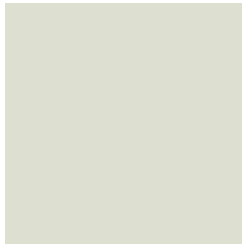
3.5003, 0.1603, 0.0656



0.2804, 0.1747, 0.0736

Previews

White Background



This preview shows how the Yxy color 73.2869, 0.3204, 0.3454 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 73.2869, 0.3204, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

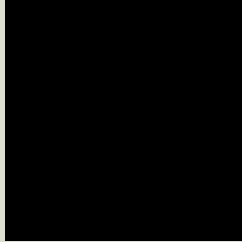
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

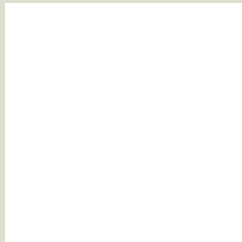
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2869, 0.3204, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 73.2869, 0.3204, 0.3454.

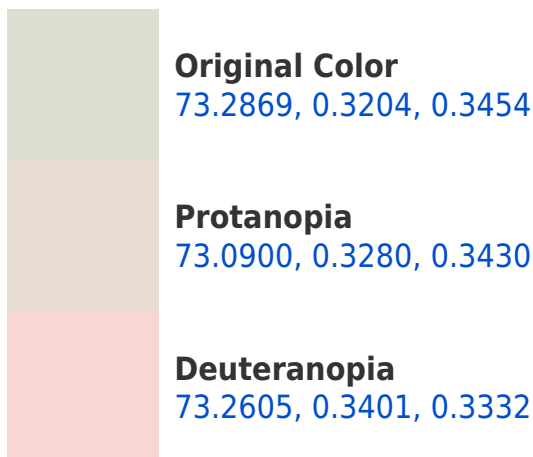


This preview shows how white text looks on a background with the Yxy color 73.2869, 0.3204, 0.3454.

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

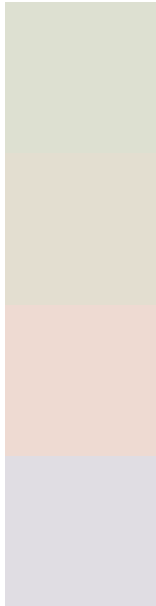




Tritanopia

73.3084, 0.3052, 0.3110

Trichromacy



Original Color

73.2869, 0.3204, 0.3454

Protanomaly

73.1275, 0.3256, 0.3442

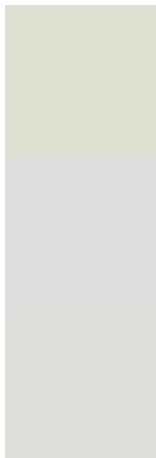
Deuteranomaly

72.9731, 0.3329, 0.3375

Tritanomaly

73.1062, 0.3109, 0.3226

Monochromacy



Original Color

73.2869, 0.3204, 0.3454

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6245, 0.3153, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2869, 0.3204, 0.3454 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, 224, 209) looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 209)  
}
```

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, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 73.2869, 0.3204, 0.3454 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, 224, 209) }
```

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

```
.border{ border-color:rgb(221, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 224, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 224, 209); box-shadow:4px 4px 4px 4px rgb(221, 224, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2869, 0.3204, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 209) }
```

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

```
.background{ background-color: rgb(221,  
224, 209) }
```

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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