

Converting Colors

$Yxy(74.5556, 0.3201, 0.3623)$

Have a look what the booklet for
Yxy(74.5556, 0.3201, 0.3623)
contains.

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Color

Yxy(74.3549, 0.3202, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	D5E5C8
RGB	213, 229, 200
RGB Percent	84%, 90%, 78%
CMY	0.1648, 0.1019, 0.2158
CMYK	0.07, 0.00, 0.13, 0.10
HSL	93°, 36%, 84%
HSV	93°, 13%, 90%
XYZ	65.8784, 74.3549, 65.5080
YIQ	220.9100, -0.2270, -12.4110

Conversions

Conversions Part 2

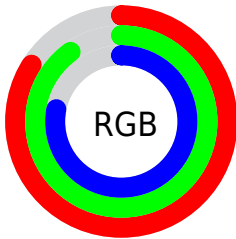
Format	Color
R_{YB}	200, 229, 216
Decimal	14017992
CIE _{Lab}	89.09, -10.48, 12.35
CIE _{LCh}	89, 16.199, 130.325
Yxy	74.3549, 0.3202, 0.3614
Android (android.graphics.Color)	4292208072 (0xFFD5E5C8)
YUV	220.9100, -10.3086, -6.9371
Hunter-Lab	86.2293, -14.5289, 15.3181

Details

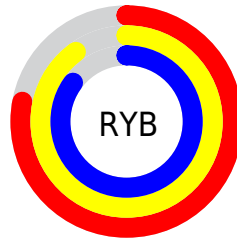
The Yxy color **74.3549, 0.3202, 0.3614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61.5561, 0.3044, 0.2968**, and the grayscale version is **72.3123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6165, 0.3215, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **71.5487, 0.3259, 0.3895**, and if you desaturate by 10%, it is **77.4753, 0.3143, 0.3355**.

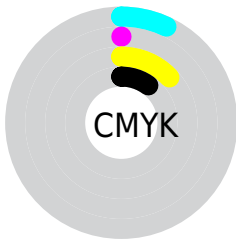
Distribution



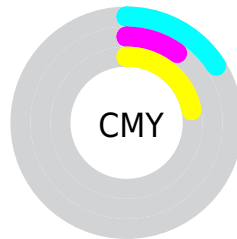
- Red (84%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)




- Cyan (16%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3549, 0.3202, 0.3614 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 74.3549, 0.3202, 0.3614 by changing the saturation by 10% instead.


 74.3549, 0.3202,
0.3614

 74.3549, 0.3202,
0.3614


475.6973, 0.3169,
0.3462

 55.0846, 0.3209,
0.3649

125.3988, 0.3191,
0.3561

 39.4694, 0.3218,
0.3693


157.9411, 0.3186,
0.3540

 27.1251, 0.3229,
0.3749


195.6762, 0.3183,
0.3523

 17.6672, 0.3242,
0.3824

238.9885, 0.3179,
0.3507

 10.7113, 0.3259,
0.3926

288.2624, 0.3176,
0.3494

 5.8731, 0.3281,
0.4077

343.8822, 0.3173,

 2.7681, 0.3310,

0.3482

0.4319

406.2324, 0.3171,
0.3471

■ 1.0119, 0.3602,
0.5203

■ 0.0000, 0.0000,
0.0000

■ 74.3549, 0.3202,
0.3614

■ 74.3549, 0.3202,
0.3614

■ 71.5487, 0.3259,
0.3895

■ 77.4753, 0.3143,
0.3355

■ 69.0368, 0.3312,
0.4192

■ 80.9103, 0.3084,
0.3120

■ 66.8110, 0.3356,
0.4500

■ 83.7596, 0.3111,
0.3037

■ 64.8597, 0.3388,
0.4805

■ 84.5259, 0.3139,
0.3039

■ 63.1699, 0.3403,
0.5093

■ 61.7274, 0.3399,
0.5346

■ 60.5165, 0.3374,
0.5551

■ 59.5184, 0.3329,
0.5697

■ 58.9035, 0.3289,
0.5771

Harmonies

Analogous

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



74.3549, 0.3380, 0.3625



74.3549, 0.3202, 0.3614



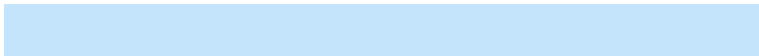
74.3549, 0.3008, 0.3507

Triad

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



74.3549, 0.3202, 0.3614



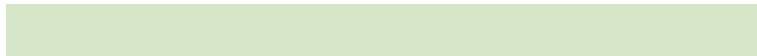
74.3549, 0.2774, 0.3026



74.3549, 0.3410, 0.3234

Complementary

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



74.3549, 0.3202, 0.3614



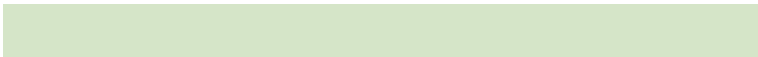
61.5561, 0.3044, 0.2968

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.



74.3549, 0.3240, 0.3087



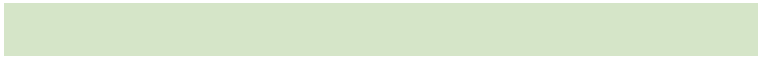
74.3549, 0.3202, 0.3614



74.3549, 0.2874, 0.2966

Square

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



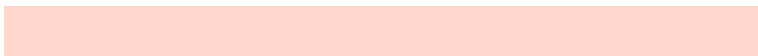
74.3549, 0.3202, 0.3614



74.3549, 0.2765, 0.3161



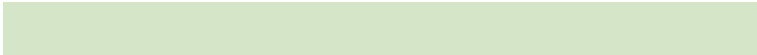
74.3549, 0.3043, 0.2990



74.3549, 0.3503, 0.3400

Rectangle

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



74.3549, 0.3202, 0.3614



74.3549, 0.2896, 0.3398



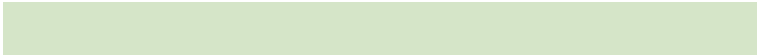
74.3549, 0.3043, 0.2990



74.3549, 0.3360, 0.3181

Sweetspot

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



74.3581, 0.3202, 0.3614



98.3078, 0.3151, 0.3389



69.9137, 0.3335, 0.3465



20.9754, 0.3155, 0.3408



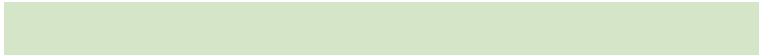
0.0000, 0.0000, 0.0000



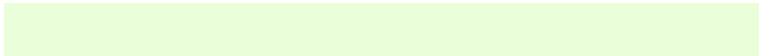
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3581, 0.3202, 0.3614



93.9888, 0.3216, 0.3680



72.5593, 0.3102, 0.3606



16.4035, 0.3183, 0.3528



33.7429, 0.3300, 0.5762



2.5479, 0.3414, 0.5672

Inverse Universe

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



61.5561, 0.3044, 0.2968



74.8717, 0.3026, 0.2904



63.5351, 0.3152, 0.2993



14.2775, 0.3067, 0.3053



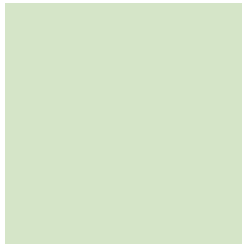
5.8625, 0.2131, 0.0948



0.4882, 0.2281, 0.1030

Previews

White Background



This preview shows how the Yxy color 74.3549, 0.3202, 0.3614 looks on a white background.

Color Contrast Check

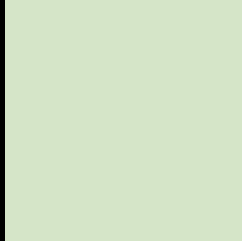
Large Text (above 18pt) WCAG AA × Fail

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 74.3549, 0.3202, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

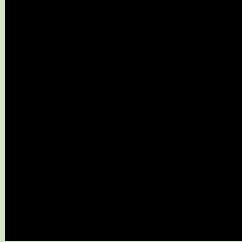
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

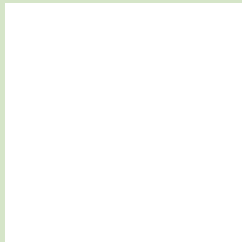
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3549, 0.3202, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 74.3549, 0.3202, 0.3614.

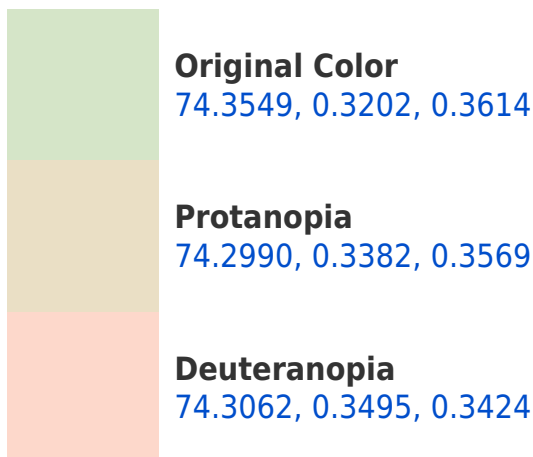


This preview shows how white text looks on a background with the Yxy color 74.3549, 0.3202, 0.3614.

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

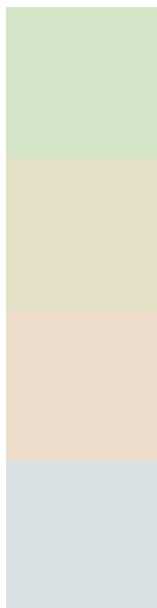




Tritanopia

74.1863, 0.2985, 0.3098

Trichromacy



Original Color

74.3549, 0.3202, 0.3614

Protanomaly

74.0964, 0.3313, 0.3585

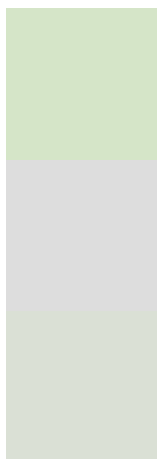
Deuteranomaly

74.1543, 0.3380, 0.3492

Tritanomaly

74.0931, 0.3065, 0.3279

Monochromacy



Original Color

74.3549, 0.3202, 0.3614

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0208, 0.3157, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3549, 0.3202, 0.3614 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(213, 229, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 229, 200)  
}
```

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(213, 229, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 229, 200) }
```

Border

The CSS property to change the border of an element to Yxy 74.3549, 0.3202, 0.3614 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(213, 229, 200) }
```

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

```
.border{ border-color:rgb(213, 229, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 229, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 229, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 229, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 229,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3549, 0.3202, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 229, 200) }
```

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

```
.background{ background-color: rgb(213,  
229, 200) }
```

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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