

Converting Colors

$Yxy(74.1183, 0.3052, 0.3435)$

Have a look what the booklet for
Yxy(74.1183, 0.3052, 0.3435)
contains.

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Color

Yxy(74.1183, 0.3052, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	CEE5D8
RGB	206, 229, 216
RGB Percent	81%, 90%, 85%
CMY	0.1924, 0.1019, 0.1529
CMYK	0.10, 0.00, 0.06, 0.10
HSL	146°, 31%, 85%
HSV	146°, 10%, 90%
XYZ	65.8542, 74.1183, 75.8013
YIQ	220.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

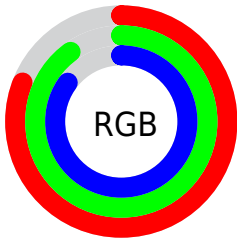
Format	Color
RYB	206, 222, 229
Decimal	13559256
CIELab	88.98, -10.06, 3.74
CIElCh	89, 10.729, 159.595
Yxy	74.1183, 0.3052, 0.3435
Android (android.graphics.Color)	4291749336 (0xFFCEE5D8)
YUV	220.6410, -2.2880, -12.8402
Hunter-Lab	86.0920, -14.1213, 8.0614

Details

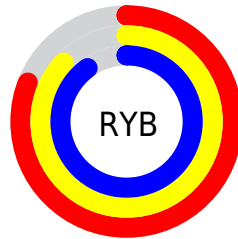
The Yxy color **74.1183, 0.3052, 0.3435** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8858, 0.3210, 0.3149**, and the grayscale version is **72.0577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5207, 0.3039, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **70.4381, 0.2979, 0.3596**, and if you desaturate by 10%, it is **78.3348, 0.3127, 0.3291**.

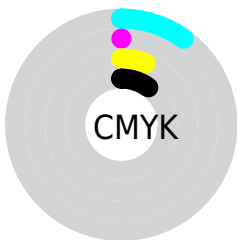
Distribution



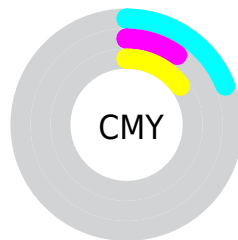
- Red (81%)
- Green (90%)
- Blue (85%)



- Red (81%)
- Yellow (87%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)





- Cyan (19%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1183, 0.3052, 0.3435 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 74.1183, 0.3052, 0.3435 by changing the saturation by 10% instead.


 74.1183, 0.3052,
0.3435

 74.1183, 0.3052,
0.3435

474.8816, 0.3087,
0.3367

 54.8909, 0.3044,
0.3451


125.0635, 0.3064,
0.3411

 39.3144, 0.3034,
0.3470


157.5500, 0.3069,
0.3402

 27.0044, 0.3021,
0.3495


195.2251, 0.3073,
0.3394

 17.5765, 0.3004,
0.3527

238.4730, 0.3077,
0.3388

 10.6464, 0.2981,
0.3572

287.6782, 0.3080,
0.3382

 5.8296, 0.2947,
0.3638

343.2251, 0.3082,

 2.7417, 0.2893,

0.3376

405.4981, 0.3085,
0.3372

0.3744

0.9984, 0.2777,
0.3965

0.0000, 0.0000,
0.0000

74.1183, 0.3052,
0.3435

74.1183, 0.3052,
0.3435

70.4381, 0.2979,
0.3596

78.3348, 0.3127,
0.3291

67.2631, 0.2911,
0.3775

83.0987, 0.3201,
0.3164

64.5730, 0.2849,
0.3970

84.5148, 0.3141,
0.3041

62.3427, 0.2798,
0.4179

84.5308, 0.3139,
0.3039

■ 60.5446, 0.2760,
0.4397

■ 59.1482, 0.2739,
0.4620

■ 58.1185, 0.2738,
0.4840

■ 57.4145, 0.2756,
0.5049

■ 56.9681, 0.2789,
0.5241

Harmonies

Analogous

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



74.1183, 0.3181, 0.3503



74.1183, 0.3052, 0.3435



74.1183, 0.2945, 0.3326

Triad

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



74.1183, 0.3052, 0.3435



74.1183, 0.2957, 0.3074



74.1183, 0.3375, 0.3363

Complementary

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



74.1183, 0.3052, 0.3435



65.8858, 0.3210, 0.3149

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.



74.1183, 0.3312, 0.3251



74.1183, 0.3052, 0.3435



74.1183, 0.3069, 0.3087

Square

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



74.1183, 0.3052, 0.3435



74.1183, 0.2890, 0.3118



74.1183, 0.3200, 0.3152



74.1183, 0.3369, 0.3458

Rectangle

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



74.1183, 0.3052, 0.3435



74.1183, 0.2899, 0.3247



74.1183, 0.3200, 0.3152



74.1183, 0.3361, 0.3326

Sweetspot

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



74.1214, 0.3052, 0.3435



98.3031, 0.3105, 0.3332



75.5668, 0.3206, 0.3543



20.9461, 0.3099, 0.3343



0.0000, 0.0000, 0.0000



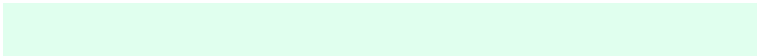
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1214, 0.3052, 0.3435



93.5892, 0.3037, 0.3466



74.7362, 0.2982, 0.3307



16.1930, 0.3057, 0.3426



32.5877, 0.2781, 0.5212



2.4265, 0.2701, 0.4925

Inverse Universe

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



65.8858, 0.3210, 0.3149



81.1768, 0.3228, 0.3121



65.3019, 0.3293, 0.3274



14.5035, 0.3204, 0.3158



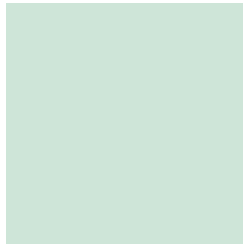
10.4574, 0.4685, 0.2354



0.7913, 0.4410, 0.2203

Previews

White Background



This preview shows how the Yxy color 74.1183, 0.3052, 0.3435 looks on a white background.

Color Contrast Check

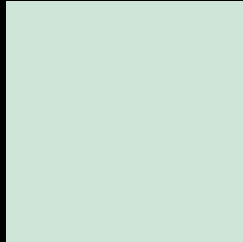
Large Text (above 18pt) WCAG AA × Fail

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 74.1183, 0.3052, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

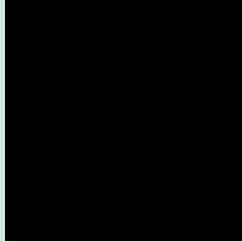
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

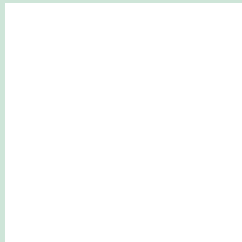
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1183, 0.3052, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 74.1183, 0.3052, 0.3435.

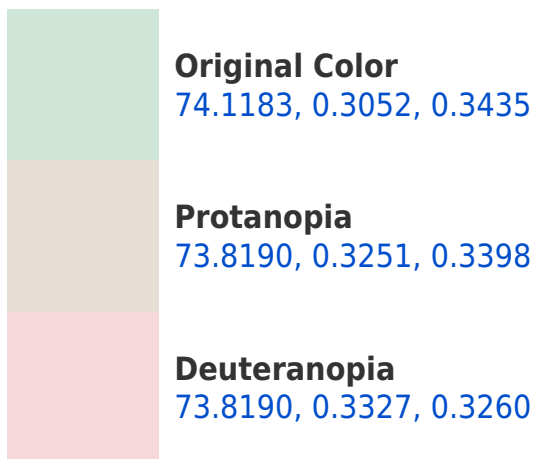


This preview shows how white text looks on a background with the Yxy color 74.1183, 0.3052, 0.3435.

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

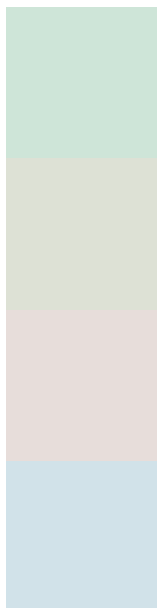




Tritanopia

74.0231, 0.2914, 0.3096

Trichromacy



Original Color

74.1183, 0.3052, 0.3435

Protanomaly

74.0267, 0.3177, 0.3421

Deuteranomaly

73.7638, 0.3219, 0.3322

Tritanomaly

73.8312, 0.2968, 0.3213

Monochromacy



Original Color

74.1183, 0.3052, 0.3435

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0247, 0.3104, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1183, 0.3052, 0.3435 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(206, 229, 216)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 216)  
}
```

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(206, 229, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 216) }
```

Border

The CSS property to change the border of an element to Yxy 74.1183, 0.3052, 0.3435 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(206, 229, 216) }
```

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

```
.border{ border-color:rgb(206, 229, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 229, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 216);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1183, 0.3052, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 216) }
```

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

```
.background{ background-color: rgb(206,  
229, 216) }
```

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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