

Converting Colors

$Yxy(74.8582, 0.2992, 0.3523)$

Have a look what the booklet for
Yxy(74.8582, 0.2992, 0.3523)
contains.

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Color

Yxy(75.1191, 0.2991, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	C2EAD5
RGB	194, 234, 213
RGB Percent	76%, 92%, 84%
CMY	0.2392, 0.0823, 0.1646
CMYK	0.17, 0.00, 0.09, 0.08
HSL	149°, 49%, 84%
HSV	149°, 17%, 92%
XYZ	63.6852, 75.1191, 74.1184
YIQ	219.6460, -17.0990, -15.0110

Conversions

Conversions Part 2

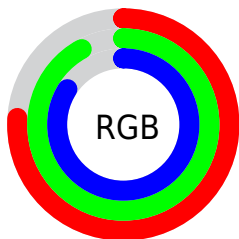
Format	Color
RYB	194, 221, 234
Decimal	12774101
CIELab	89.45, -17.00, 5.87
CIELCh	89, 17.981, 160.935
Yxy	75.1191, 0.2991, 0.3528
Android (android.graphics.Color)	4290964181 (0xFFC2EAD5)
YUV	219.6460, -3.2765, -22.4915
Hunter-Lab	86.6713, -20.5148, 9.9671

Details

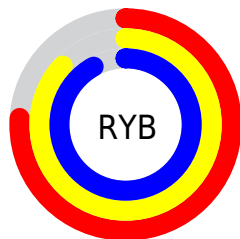
The Yxy color **75.1191, 0.2991, 0.3528** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9820, 0.3290, 0.3064**, and the grayscale version is **71.3464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **39.8849, 0.2962, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **71.6663, 0.2916, 0.3689**, and if you desaturate by 10%, it is **79.1128, 0.3070, 0.3383**.

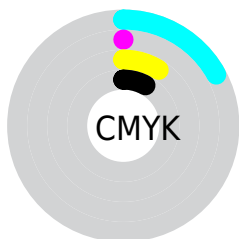
Distribution



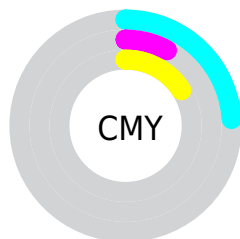
- Red (76%)
- Green (92%)
- Blue (84%)



- Red (76%)
- Yellow (87%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)





- Cyan (24%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1191, 0.2991, 0.3528 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 75.1191, 0.2991, 0.3528 by changing the saturation by 10% instead.

 75.1191, 0.2991,
0.3528

 75.1191, 0.2991,
0.3528


478.3268, 0.3055,
0.3416

 55.7105, 0.2976,
0.3554


 126.4809, 0.3013,
0.3489

 39.9708, 0.2958,
0.3586


159.2029, 0.3022,
0.3474

 27.5158, 0.2935,
0.3627


197.1315, 0.3029,
0.3461

 17.9610, 0.2904,
0.3681

240.6510, 0.3036,
0.3450

 10.9220, 0.2862,
0.3757

290.1460, 0.3041,
0.3440

 6.0144, 0.2800,
0.3867


346.0006, 0.3046,


 2.8538, 0.2700,


0.3431


0.4046

408.5995, 0.3051,
0.3423


 1.0559, 0.2451,
0.4467


 0.0000, 0.0000,
0.0000


 75.1191, 0.2991,
0.3528


 75.1191, 0.2991,
0.3528


 71.6663, 0.2916,
0.3689

 79.1128, 0.3070,
0.3383

 68.7212, 0.2847,
0.3865

 83.6602, 0.3151,
0.3254

 66.2613, 0.2788,
0.4055

 86.9979, 0.3169,
0.3137

 64.2586, 0.2743,
0.4255

 87.3265, 0.3137,
0.3088

■ 62.6822, 0.2714,
0.4462

■ 61.4973, 0.2704,
0.4669

■ 60.6629, 0.2715,
0.4871

■ 60.1266, 0.2744,
0.5061

■ 60.0023, 0.2754,
0.5114

Harmonies

Analogous

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



75.1191, 0.3205, 0.3648



75.1191, 0.2991, 0.3528



75.1191, 0.2818, 0.3339

Triad

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



75.1191, 0.2991, 0.3528



75.1191, 0.2851, 0.2933



75.1191, 0.3545, 0.3414

Complementary

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



75.1191, 0.2991, 0.3528



60.9820, 0.3290, 0.3064

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.



75.1191, 0.3444, 0.3232



75.1191, 0.2991, 0.3528



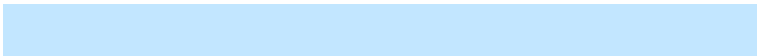
75.1191, 0.3038, 0.2960

Square

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



75.1191, 0.2991, 0.3528



75.1191, 0.2739, 0.2996



75.1191, 0.3256, 0.3068



75.1191, 0.3529, 0.3573

Rectangle

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



75.1191, 0.2991, 0.3528



75.1191, 0.2746, 0.3205



75.1191, 0.3256, 0.3068



75.1191, 0.3523, 0.3354

Sweetspot

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



75.1223, 0.2991, 0.3528



97.2386, 0.3087, 0.3355



77.2396, 0.3252, 0.3733



20.7330, 0.3081, 0.3365



0.0000, 0.0000, 0.0000



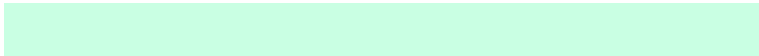
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1223, 0.2991, 0.3528



89.5425, 0.2960, 0.3591



76.1804, 0.2877, 0.3304



16.9816, 0.3051, 0.3416



33.7426, 0.2746, 0.5085



2.6689, 0.2673, 0.4824

Inverse Universe

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



60.9820, 0.3290, 0.3064



68.9293, 0.3336, 0.3008



60.0328, 0.3444, 0.3276



15.1860, 0.3211, 0.3167



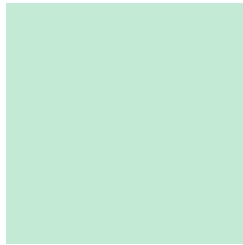
10.6539, 0.4854, 0.2448



0.8560, 0.4564, 0.2288

Previews

White Background



This preview shows how the Yxy color 75.1191, 0.2991, 0.3528 looks on a white background.

Color Contrast Check

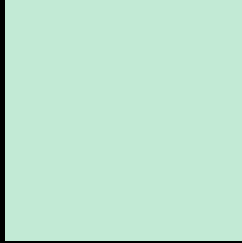
Large Text (above 18pt) WCAG AA × Fail

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 75.1191, 0.2991, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

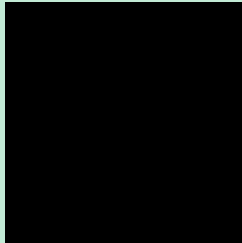
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

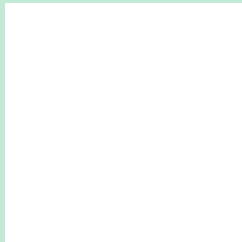
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1191, 0.2991, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 75.1191, 0.2991, 0.3528.

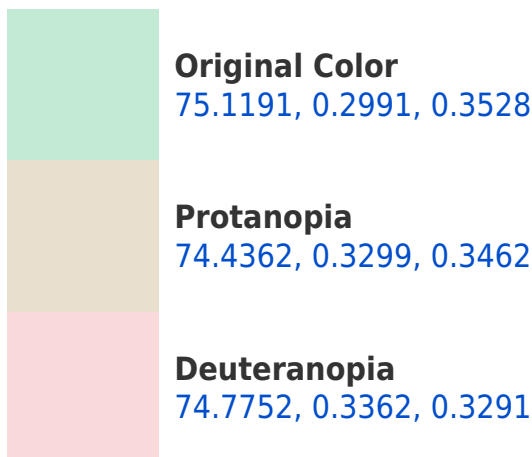


This preview shows how white text looks on a background with the Yxy color 75.1191, 0.2991, 0.3528.

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

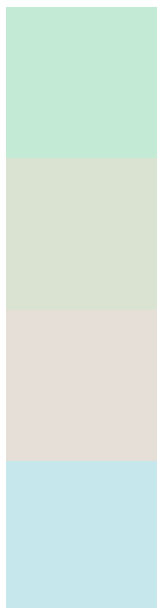




Tritanopia

75.0334, 0.2830, 0.3094

Trichromacy



Original Color

75.1191, 0.2991, 0.3528

Protanomaly

74.4470, 0.3181, 0.3488

Deuteranomaly

74.3912, 0.3216, 0.3365

Tritanomaly

75.1558, 0.2887, 0.3245

Monochromacy



Original Color

75.1191, 0.2991, 0.3528

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.7091, 0.3081, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1191, 0.2991, 0.3528 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(194, 234, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 234, 213)  
}
```

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(194, 234, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 234, 213) }
```

Border

The CSS property to change the border of an element to Yxy 75.1191, 0.2991, 0.3528 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(194, 234, 213) }
```

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

```
.border{ border-color:rgb(194, 234, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 234, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 234, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 234, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 234,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1191, 0.2991, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 234, 213) }
```

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

```
.background{ background-color: rgb(194,  
234, 213) }
```

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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