

Converting Colors

$Yxy(75.0930, 0.2894, 0.3498)$

Have a look what the booklet for
Yxy(75.0930, 0.2894, 0.3498)
contains.

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Color

Yxy(75.1201, 0.2894, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	B7ECDA
RGB	183, 236, 218
RGB Percent	72%, 93%, 85%
CMY	0.2823, 0.0745, 0.1450
CMYK	0.22, 0.00, 0.08, 0.07
HSL	160°, 58%, 82%
HSV	160°, 22%, 93%
XYZ	62.1847, 75.1201, 77.5697
YIQ	218.1010, -25.8100, -16.8340

Conversions

Conversions Part 2

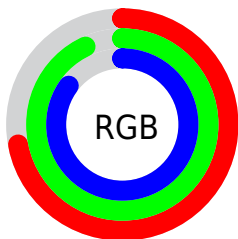
Format	Color
R _Y B	183, 215, 236
Decimal	12053722
CIE Lab	89.45, -20.46, 3.18
CIE LCh	89, 20.707, 171.153
Yxy	75.1201, 0.2894, 0.3496
Android (android.graphics.Color)	4290243802 (0xFFB7ECDA)
YUV	218.1010, -0.0498, -30.7836
Hunter-Lab	86.6719, -23.6069, 7.6069

Details

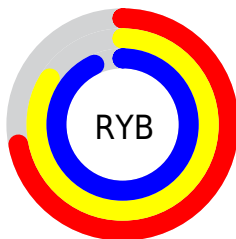
The Yxy color **75.1201, 0.2894, 0.3496** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.9245, 0.3434, 0.3094**, and the grayscale version is **70.2032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **39.9540, 0.2840, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **72.0583, 0.2800, 0.3603**, and if you desaturate by 10%, it is **78.6936, 0.2995, 0.3398**.

Distribution



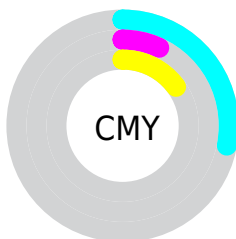
- Red (72%)
- Green (93%)
- Blue (85%)



- Red (72%)
- Yellow (84%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)





- Cyan (28%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1201, 0.2894, 0.3496 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 75.1201, 0.2894, 0.3496 by changing the saturation by 10% instead.


 75.1201, 0.2894,
0.3496

 75.1201, 0.2894,
0.3496


478.3303, 0.3002,
0.3400

 55.7113, 0.2869,
0.3518


 126.4824, 0.2931,
0.3463

 39.9715, 0.2839,
0.3546


159.2046, 0.2946,
0.3450

 27.5163, 0.2800,
0.3580


197.1334, 0.2958,
0.3438

 17.9614, 0.2750,
0.3626

240.6532, 0.2969,
0.3429

 10.9223, 0.2681,
0.3690

290.1484, 0.2979,
0.3420

 6.0146, 0.2582,
0.3782


346.0034, 0.2987,

 2.8539, 0.2426,


0.3413


0.3930


408.6025, 0.2995,
0.3406


 1.0560, 0.2006,
0.4280


 0.0000, 0.0000,
0.0000


 75.1201, 0.2894,
0.3496


 75.1201, 0.2894,
0.3496


 72.0583, 0.2800,
0.3603


 78.6936, 0.2995,
0.3398


 69.4744, 0.2717,
0.3718

 82.7922, 0.3101,
0.3310

 67.3449, 0.2648,
0.3840

 87.4403, 0.3209,
0.3231

 65.6406, 0.2596,
0.3967

 88.1552, 0.3166,
0.3154

■ 64.3290, 0.2562,
0.4098

■ 88.4701, 0.3136,
0.3107

■ 63.3723, 0.2549,
0.4230

■ 62.7252, 0.2556,
0.4361

■ 62.3885, 0.2572,
0.4458

Harmonies

Analogous

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



75.1201, 0.3130, 0.3670



75.1201, 0.2894, 0.3496



75.1201, 0.2724, 0.3265

Triad

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



75.1201, 0.2894, 0.3496



75.1201, 0.2875, 0.2880



75.1201, 0.3619, 0.3499

Complementary

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



75.1201, 0.2894, 0.3496



55.9245, 0.3434, 0.3094

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.



75.1201, 0.3546, 0.3293



75.1201, 0.2894, 0.3496



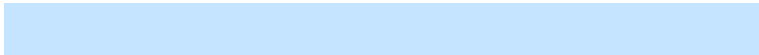
75.1201, 0.3109, 0.2946

Square

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



75.1201, 0.2894, 0.3496



75.1201, 0.2713, 0.2915



75.1201, 0.3356, 0.3094



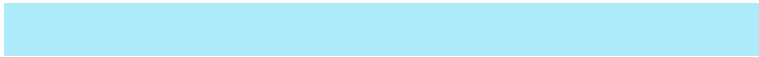
75.1201, 0.3553, 0.3661

Rectangle

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



75.1201, 0.2894, 0.3496



75.1201, 0.2668, 0.3117



75.1201, 0.3356, 0.3094



75.1201, 0.3610, 0.3432

Sweetspot

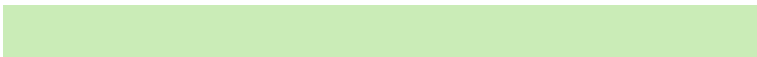
The Sweet Spot groups the original color and five complimentary colors.



75.1232, 0.2894, 0.3496



96.3865, 0.3052, 0.3349



75.9054, 0.3222, 0.3896



20.5672, 0.3046, 0.3355



0.0000, 0.0000, 0.0000



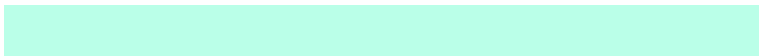
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1232, 0.2894, 0.3496



87.7840, 0.2849, 0.3545



71.6411, 0.2788, 0.3199



17.0300, 0.3026, 0.3371



34.4153, 0.2566, 0.4437



2.7203, 0.2516, 0.4258

Inverse Universe

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



55.9245, 0.3434, 0.3094



61.0695, 0.3517, 0.3050



58.4995, 0.3568, 0.3379



15.1384, 0.3240, 0.3210



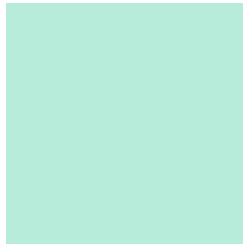
10.1712, 0.5615, 0.2867



0.8161, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 75.1201, 0.2894, 0.3496 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 75.1201, 0.2894, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

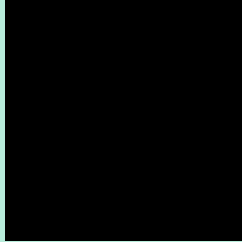
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

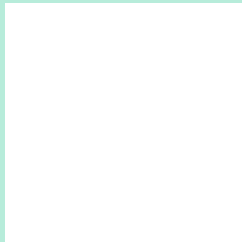
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1201, 0.2894, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 75.1201, 0.2894, 0.3496.

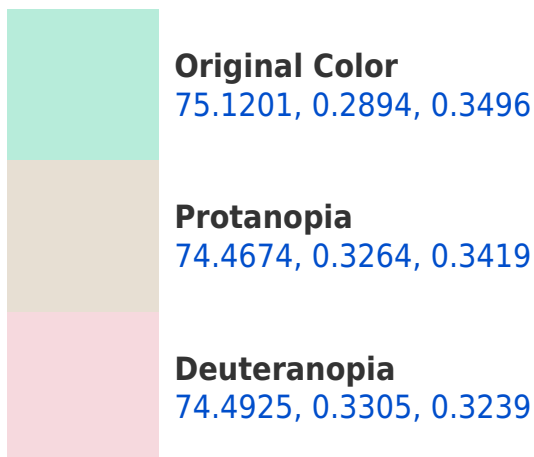


This preview shows how white text looks on a background with the Yxy color 75.1201, 0.2894, 0.3496.

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

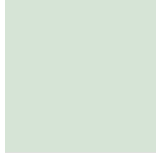
74.8728, 0.2749, 0.3080

Trichromacy



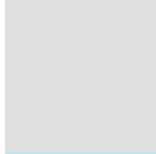
Original Color

75.1201, 0.2894, 0.3496



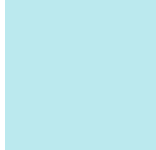
Protanomaly

74.6380, 0.3120, 0.3444



Deuteranomaly

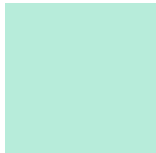
74.2197, 0.3140, 0.3322



Tritanomaly

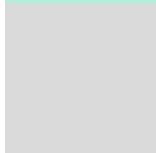
75.0157, 0.2804, 0.3233

Monochromacy



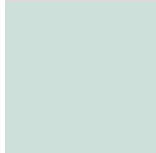
Original Color

75.1201, 0.2894, 0.3496



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.8915, 0.3034, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1201, 0.2894, 0.3496 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(183, 236, 218)` looks like.

```
.text, #text, p{  
    color:rgb(183, 236, 218)  
}
```

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(183, 236, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 236, 218) }
```

Border

The CSS property to change the border of an element to Yxy 75.1201, 0.2894, 0.3496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

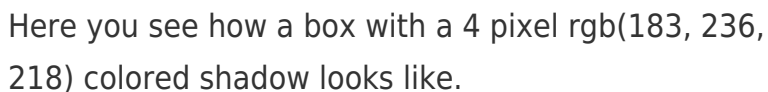
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 236, 218) }
```

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

```
.border{ border-color:rgb(183, 236, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 236, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 236, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 236, 218); box-shadow:4px 4px 4px 4px rgb(183, 236, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1201, 0.2894, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 236, 218) }
```

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

```
.background{ background-color: rgb(183,  
236, 218) }
```

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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