

Converting Colors

$Yxy(75.8898, 0.2901, 0.3398)$

Have a look what the booklet for
Yxy(75.8898, 0.2901, 0.3398)
contains.

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Color

Yxy(75.9293, 0.2903, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFEBE1</code>
RGB	191, 235, 225
RGB Percent	75%, 92%, 88%
CMY	0.2508, 0.0784, 0.1177
CMYK	0.19, 0.00, 0.04, 0.08
HSL	166°, 52%, 84%
HSV	166°, 19%, 92%
XYZ	64.7921, 75.9293, 82.4688
YIQ	220.7040, -23.0140, -12.4380

Conversions

Conversions Part 2

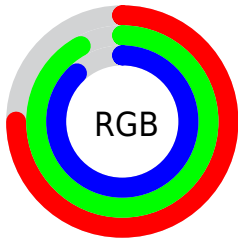
Format	Color
RYB	191, 216, 235
Decimal	12577761
CIELab	89.83, -16.10, 0.15
CIELCh	90, 16.104, 179.462
Yxy	75.9293, 0.2903, 0.3402
Android (android.graphics.Color)	4290767841 (0xFFBFEBE1)
YUV	220.7040, 2.1179, -26.0504
Hunter-Lab	87.1374, -19.7646, 4.8828

Details

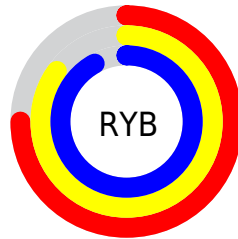
The Yxy color **75.9293, 0.2903, 0.3402** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.1626, 0.3412, 0.3181**, and the grayscale version is **72.0920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **40.4608, 0.2850, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **72.8379, 0.2793, 0.3470**, and if you desaturate by 10%, it is **79.5250, 0.3021, 0.3340**.

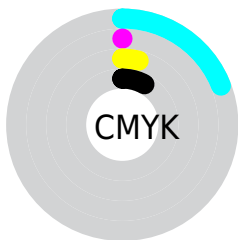
Distribution



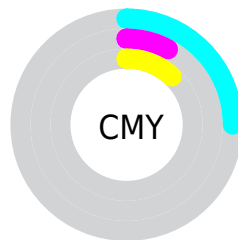
- Red (75%)
- Green (92%)
- Blue (88%)



- Red (75%)
- Yellow (85%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)




- Cyan (25%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9293, 0.2903, 0.3402 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 75.9293, 0.2903, 0.3402 by changing the saturation by 10% instead.


 75.9293, 0.2903,
0.3402

 75.9293, 0.2903,
0.3402


481.1056, 0.3006,
0.3351

 56.3745, 0.2880,
0.3414


 127.6270, 0.2939,
0.3384

 40.5033, 0.2851,
0.3428

160.5387, 0.2952,
0.3377

 27.9312, 0.2815,
0.3446


198.6714, 0.2964,
0.3371

 18.2738, 0.2768,
0.3470

242.4097, 0.2975,
0.3366

 11.1467, 0.2704,
0.3502

292.1379, 0.2984,
0.3362

 6.1656, 0.2612,
0.3547

348.2403, 0.2992,

 2.9460, 0.2471,

0.3358

0.3618

411.1015, 0.2999,
0.3354

■ 1.1036, 0.2184,
0.3762

■ 0.0000, 0.0000,
0.0000

■ 75.9293, 0.2903,
0.3402

■ 75.9293, 0.2903,
0.3402

■ 72.8379, 0.2793,
0.3470

■ 79.5250, 0.3021,
0.3340

■ 70.2179, 0.2694,
0.3543


■ 83.6374, 0.3143,
0.3283

■ 68.0474, 0.2609,
0.3621

■ 87.0274, 0.3224,
0.3231


■ 66.2987, 0.2541,
0.3702

■ 87.3518, 0.3190,
0.3179


 64.9410, 0.2491,
0.3786

 87.6857, 0.3156,
0.3128

 63.9394, 0.2460,
0.3871

 87.8942, 0.3136,
0.3097

 63.2527, 0.2450,
0.3956

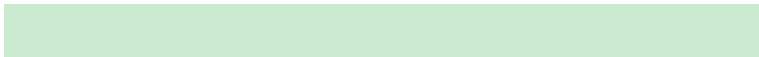
 62.8198, 0.2457,
0.4040

 62.7714, 0.2459,
0.4051

Harmonies

Analogous

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



75.9293, 0.3078, 0.3552



75.9293, 0.2903, 0.3402



75.9293, 0.2790, 0.3223

Triad

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



75.9293, 0.2903, 0.3402



75.9293, 0.2978, 0.2976



75.9293, 0.3504, 0.3495

Complementary

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



75.9293, 0.2903, 0.3402



59.1626, 0.3412, 0.3181

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.



75.9293, 0.3476, 0.3340



75.9293, 0.2903, 0.3402



75.9293, 0.3168, 0.3047

Square

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



75.9293, 0.2903, 0.3402



75.9293, 0.2832, 0.2983



75.9293, 0.3352, 0.3178



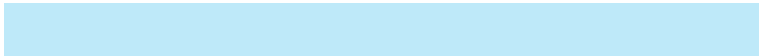
75.9293, 0.3426, 0.3601

Rectangle

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



75.9293, 0.2903, 0.3402



75.9293, 0.2762, 0.3116



75.9293, 0.3352, 0.3178



75.9293, 0.3506, 0.3446

Sweetspot

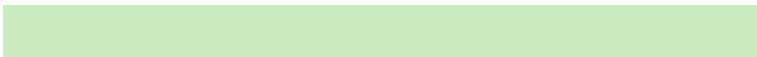
The Sweet Spot groups the original color and five complimentary colors.



75.9324, 0.2903, 0.3402



96.9905, 0.3053, 0.3324



75.6371, 0.3172, 0.3791



20.6928, 0.3045, 0.3328



0.0000, 0.0000, 0.0000



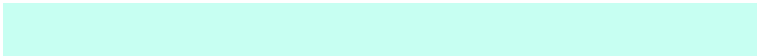
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9324, 0.2903, 0.3402



90.0732, 0.2865, 0.3425



70.0032, 0.2839, 0.3157



17.0598, 0.3011, 0.3344



34.9569, 0.2455, 0.4037



2.7593, 0.2422, 0.3921

Inverse Universe

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



59.1626, 0.3412, 0.3181



66.7976, 0.3477, 0.3160



64.0266, 0.3470, 0.3419



15.1102, 0.3257, 0.3237



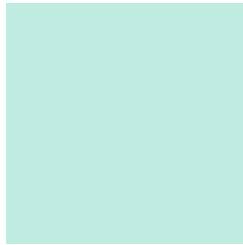
9.9913, 0.5995, 0.3076



0.7989, 0.5610, 0.2864

Previews

White Background



This preview shows how the Yxy color 75.9293, 0.2903, 0.3402 looks on a white background.

Color Contrast Check

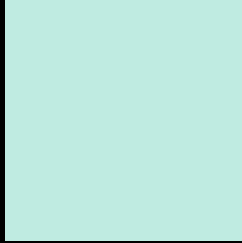
Large Text (above 18pt) WCAG AA × Fail

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 75.9293, 0.2903, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

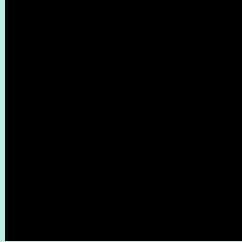
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

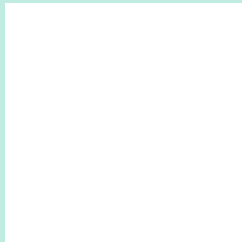
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9293, 0.2903, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 75.9293, 0.2903, 0.3402.

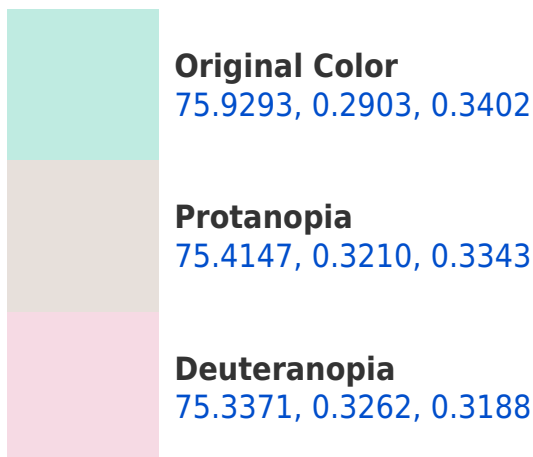


This preview shows how white text looks on a background with the Yxy color 75.9293, 0.2903, 0.3402.

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

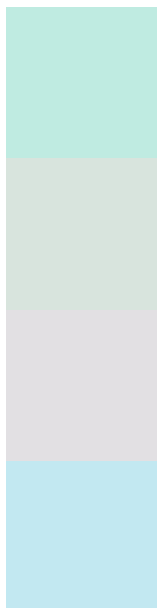




Tritanopia

75.7897, 0.2790, 0.3083

Trichromacy



Original Color

75.9293, 0.2903, 0.3402

Protanomaly

75.3062, 0.3089, 0.3366

Deuteranomaly

75.0261, 0.3122, 0.3258

Tritanomaly

75.5334, 0.2829, 0.3190

Monochromacy



Original Color

75.9293, 0.2903, 0.3402

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3683, 0.3043, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9293, 0.2903, 0.3402 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(191, 235, 225)` looks like.

```
.text, #text, p{  
    color:rgb(191, 235, 225)  
}
```

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(191, 235, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 235, 225) }
```

Border

The CSS property to change the border of an element to Yxy 75.9293, 0.2903, 0.3402 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(191, 235, 225) }
```

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

```
.border{ border-color:rgb(191, 235, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 235, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 235, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 235, 225);  
box-shadow:4px 4px 4px 4px rgb(191, 235,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9293, 0.2903, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 235, 225) }
```

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

```
.background{ background-color: rgb(191,  
235, 225) }
```

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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