

Converting Colors

$Yxy(75.3096, 0.2895, 0.3413)$

Have a look what the booklet for
Yxy(75.3096, 0.2895, 0.3413)
contains.

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Color

Yxy(75.6173, 0.2896, 0.3414)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BDEBE0 |
| RGB | 189, 235, 224 |
| RGB Percent | 74%, 92%, 88% |
| CMY | 0.2589, 0.0784, 0.1216 |
| CMYK | 0.20, 0.00, 0.05, 0.08 |
| HSL | 166°, 54%, 83% |
| HSV | 166°, 20%, 92% |
| XYZ | 64.1440, 75.6173, 81.7305 |
| YIQ | 219.9920, -23.8850, -13.1730 |

Conversions

Conversions Part 2

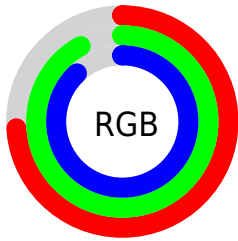
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 189, 215, 235 |
| Decimal | 12446688 |
| CIELab | 89.68, -16.95, 0.45 |
| CIELCh | 90, 16.955, 178.491 |
| Yxy | 75.6173, 0.2896, 0.3414 |
| Android (android.graphics.Color) | 4290636768 (0xFFBDEBE0) |
| YUV | 219.9920, 1.9759, -27.1800 |
| Hunter-Lab | 86.9582, -20.5078, 5.1451 |

Details

The Yxy color **75.6173, 0.2896, 0.3414** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.2200, 0.3424, 0.3170**, and the grayscale version is **71.5615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **40.2557, 0.2842, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **72.5548, 0.2788, 0.3486**, and if you desaturate by 10%, it is **79.1831, 0.3012, 0.3348**.

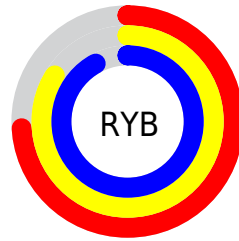
Distribution



Red (74%)

Green (92%)

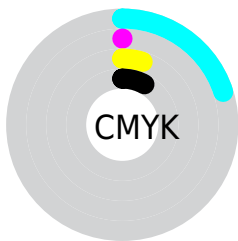
Blue (88%)



Red (74%)

Yellow (84%)

Blue (92%)

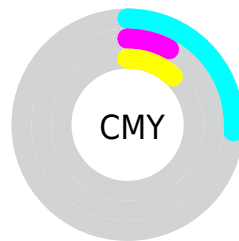


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (8%)



Cyan (26%)


Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6173, 0.2896, 0.3414 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 75.6173, 0.2896, 0.3414 by changing the saturation by 10% instead.


 75.6173, 0.2896,
0.3414

 75.6173, 0.2896,
0.3414


480.0366, 0.3002,
0.3357

 56.1188, 0.2872,
0.3427


 127.1858, 0.2933,
0.3394

 40.2981, 0.2842,
0.3443


160.0245, 0.2947,
0.3387

 27.7711, 0.2805,
0.3463


198.0788, 0.2959,
0.3380

 18.1532, 0.2756,
0.3489

241.7329, 0.2970,
0.3374

 11.0600, 0.2690,
0.3525

291.3714, 0.2980,
0.3369

 6.1072, 0.2595,
0.3577

347.3786, 0.2988,

 2.9104, 0.2448,

0.3365

410.1389, 0.2996,
0.3361

0.3656

1.0851, 0.2133,
0.3826

0.0000, 0.0000,
0.0000

75.6173, 0.2896,
0.3414

75.6173, 0.2896,
0.3414

72.5548, 0.2788,
0.3486

79.1831, 0.3012,
0.3348

69.9627, 0.2692,
0.3564


83.2646, 0.3132,
0.3288


67.8187, 0.2609,
0.3646


87.0258, 0.3225,
0.3233


66.0948, 0.2543,
0.3733


87.3669, 0.3189,
0.3179

 64.7601, 0.2496,
0.3821


 87.7185, 0.3154,
0.3125

 63.7791, 0.2468,
0.3911

 87.9028, 0.3136,
0.3097

 63.1097, 0.2461,
0.4001

 62.6837, 0.2470,
0.4089

 62.6681, 0.2470,
0.4093

Harmonies

Analogous

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



75.6173, 0.3081, 0.3571



75.6173, 0.2896, 0.3414



75.6173, 0.2774, 0.3225

Triad

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



75.6173, 0.2896, 0.3414



75.6173, 0.2964, 0.2958



75.6173, 0.3525, 0.3501

Complementary

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



75.6173, 0.2896, 0.3414



58.2200, 0.3424, 0.3170

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.



75.6173, 0.3493, 0.3337



75.6173, 0.2896, 0.3414



75.6173, 0.3164, 0.3031

Square

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



75.6173, 0.2896, 0.3414



75.6173, 0.2813, 0.2968



75.6173, 0.3359, 0.3167



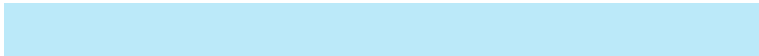
75.6173, 0.3447, 0.3616

Rectangle

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



75.6173, 0.2896, 0.3414



75.6173, 0.2743, 0.3111



75.6173, 0.3359, 0.3167



75.6173, 0.3527, 0.3449

Sweetspot

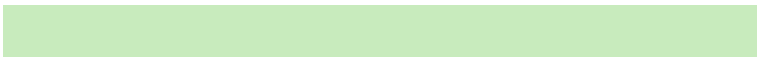
The Sweet Spot groups the original color and five complimentary colors.



75.6204, 0.2896, 0.3414



96.9792, 0.3054, 0.3326



75.4425, 0.3179, 0.3817



20.6901, 0.3046, 0.3330



0.0000, 0.0000, 0.0000



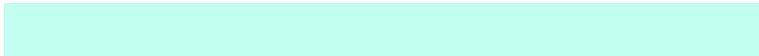
21.4041, 0.3127, 0.3290

Same Dimension

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



75.6204, 0.2896, 0.3414



89.2752, 0.2846, 0.3446



69.8593, 0.2826, 0.3159



17.0567, 0.3013, 0.3347



34.8950, 0.2466, 0.4079



2.7549, 0.2432, 0.3955

Inverse Universe

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



58.2200, 0.3424, 0.3170



64.3307, 0.3511, 0.3140



62.8716, 0.3491, 0.3418



15.1131, 0.3255, 0.3234



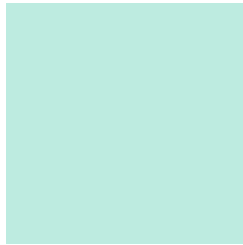
10.0067, 0.5960, 0.3057



0.8005, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 75.6173, 0.2896, 0.3414 looks on a white background.

Color Contrast Check

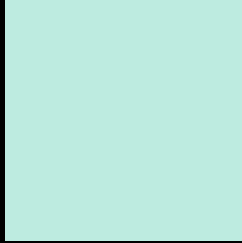
Large Text (above 18pt) WCAG AA × Fail

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 75.6173, 0.2896, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

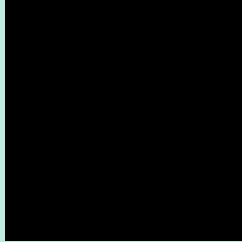
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

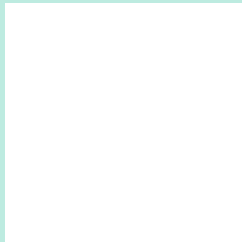
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6173, 0.2896, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 75.6173, 0.2896, 0.3414.

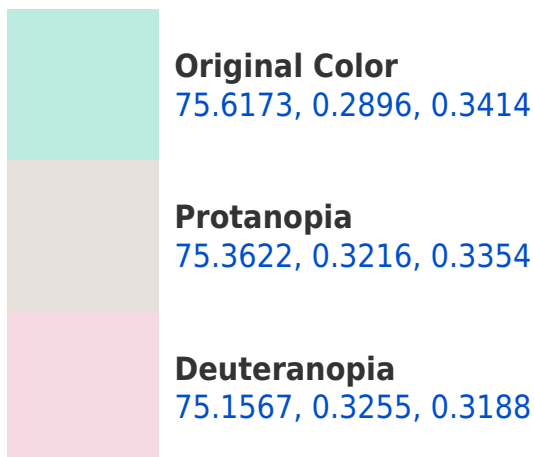


This preview shows how white text looks on a background with the Yxy color 75.6173, 0.2896, 0.3414.

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

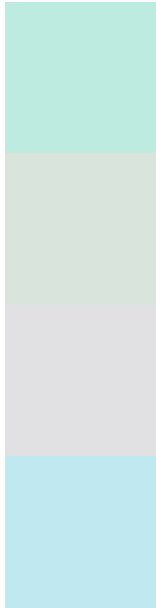




Tritanopia

75.5233, 0.2778, 0.3082

Trichromacy



Original Color

75.6173, 0.2896, 0.3414

Protanomaly

75.2530, 0.3096, 0.3377

Deuteranomaly

74.8649, 0.3115, 0.3258

Tritanomaly

75.2706, 0.2817, 0.3190

Monochromacy



Original Color

75.6173, 0.2896, 0.3414

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6262, 0.3042, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6173, 0.2896, 0.3414 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(189, 235, 224)` looks like.

```
.text, #text, p{  
    color:rgb(189, 235, 224)  
}
```

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(189, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 235, 224) }
```

Border

The CSS property to change the border of an element to Yxy 75.6173, 0.2896, 0.3414 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(189, 235, 224) }
```

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

```
.border{ border-color:rgb(189, 235, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 235, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(189, 235,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6173, 0.2896, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 235, 224) }
```

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

```
.background{ background-color: rgb(189,  
235, 224) }
```

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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