

Converting Colors

$Yxy(73.7434, 0.2975, 0.3400)$

Have a look what the booklet for
Yxy(73.7434, 0.2975, 0.3400)
contains.

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Color

Yxy(73.7667, 0.2975, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	C6E6DC
RGB	198, 230, 220
RGB Percent	78%, 90%, 86%
CMY	0.2235, 0.0980, 0.1372
CMYK	0.14, 0.00, 0.04, 0.10
HSL	161°, 39%, 84%
HSV	161°, 14%, 90%
XYZ	64.5079, 73.7667, 78.5587
YIQ	219.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

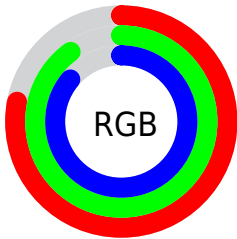
Format	Color
RYB	198, 217, 230
Decimal	13035228
CIELab	88.81, -12.37, 1.33
CIElCh	89, 12.446, 173.865
Yxy	73.7667, 0.2975, 0.3402
Android (android.graphics.Color)	4291225308 (0xFFC6E6DC)
YUV	219.2920, 0.3490, -18.6731
Hunter-Lab	85.8875, -16.2365, 5.8905

Details

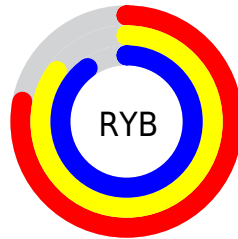
The Yxy color **73.7667, 0.2975, 0.3402** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.7721, 0.3307, 0.3181**, and the grayscale version is **71.0614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9180, 0.2940, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **70.5053, 0.2872, 0.3493**, and if you desaturate by 10%, it is **77.5252, 0.3084, 0.3320**.

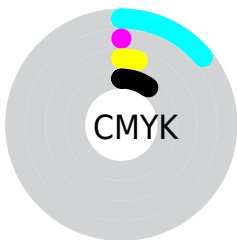
Distribution



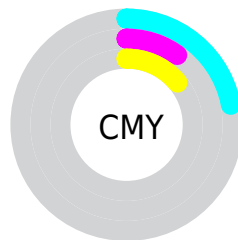
- Red (78%)
- Green (90%)
- Blue (86%)



- Red (78%)
- Yellow (85%)
- Blue (90%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7667, 0.2975, 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 73.7667, 0.2975, 0.3402 by changing the saturation by 10% instead.

73.7667, 0.2975,
0.3402

73.7667, 0.2975,
0.3402

473.6678, 0.3045,
0.3350

54.6031, 0.2959,
0.3414

124.5650, 0.2999,
0.3384

39.0840, 0.2939,
0.3429

156.9686, 0.3009,
0.3377

26.8251, 0.2914,
0.3447

194.5542, 0.3017,
0.3371

17.4419, 0.2881,
0.3472

237.7063, 0.3024,
0.3366

10.5501, 0.2836,
0.3506

286.8094, 0.3031,
0.3361

5.7652, 0.2770,
0.3555


342.2477, 0.3036,

2.7028, 0.2668,

0.3357

0.3633


404.4057, 0.3041,
0.3353


 0.9786, 0.2430,
0.3803


 0.0000, 0.0000,
0.0000

 73.7667, 0.2975,
0.3402


 73.7667, 0.2975,
0.3402


 70.5053, 0.2872,
0.3493


 77.5252, 0.3084,
0.3320


 67.7103, 0.2776,
0.3591


 81.7917, 0.3195,
0.3246


 65.3614, 0.2693,
0.3697


 84.2379, 0.3225,
0.3177

 63.4336, 0.2623,
0.3809


 84.6768, 0.3178,
0.3108


 61.8992, 0.2571,
0.3926

 85.0738, 0.3138,
0.3048

 60.7269, 0.2538,
0.4046

 59.8806, 0.2525,
0.4166

 59.3166, 0.2532,
0.4285

 59.0695, 0.2544,
0.4357

Harmonies

Analogous

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



73.7667, 0.3117, 0.3509



73.7667, 0.2975, 0.3402



73.7667, 0.2875, 0.3265

Triad

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



73.7667, 0.2975, 0.3402



73.7667, 0.2986, 0.3039



73.7667, 0.3423, 0.3431

Complementary

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



73.7667, 0.2975, 0.3402



61.7721, 0.3307, 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.



73.7667, 0.3386, 0.3306



73.7667, 0.2975, 0.3402



73.7667, 0.3132, 0.3084

Square

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



73.7667, 0.2975, 0.3402



73.7667, 0.2881, 0.3058



73.7667, 0.3279, 0.3181



73.7667, 0.3378, 0.3522

Rectangle

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



73.7667, 0.2975, 0.3402



73.7667, 0.2844, 0.3177



73.7667, 0.3279, 0.3181



73.7667, 0.3420, 0.3392

Sweetspot

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



73.7698, 0.2975, 0.3402



97.9131, 0.3082, 0.3321



74.1025, 0.3180, 0.3651



20.8759, 0.3074, 0.3327



0.0000, 0.0000, 0.0000



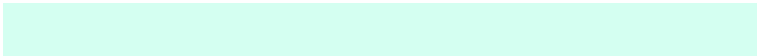
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7698, 0.2975, 0.3402



91.8440, 0.2941, 0.3430



71.1056, 0.2914, 0.3224



16.2558, 0.3023, 0.3364



33.4647, 0.2538, 0.4338



2.4895, 0.2490, 0.4166

Inverse Universe

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



61.7721, 0.3307, 0.3181



73.6183, 0.3356, 0.3154



64.0292, 0.3374, 0.3355



14.4417, 0.3244, 0.3217



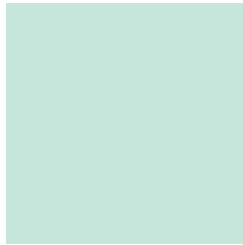
9.8070, 0.5713, 0.2921



0.7410, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 73.7667, 0.2975, 0.3402 looks on a white background.

Color Contrast Check

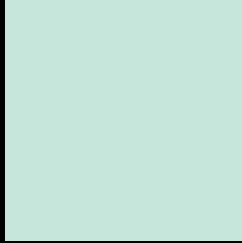
Large Text (above 18pt) WCAG AA × Fail

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 73.7667, 0.2975, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

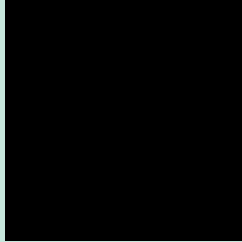
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

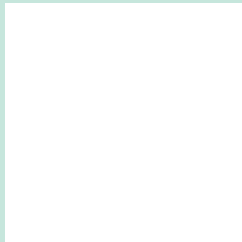
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7667, 0.2975, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 73.7667, 0.2975, 0.3402.

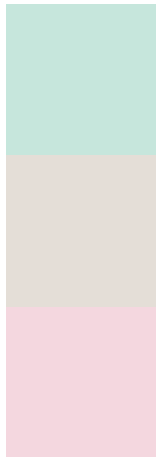


This preview shows how white text looks on a background with the Yxy color 73.7667, 0.2975, 0.3402.

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



Original Color

73.7667, 0.2975, 0.3402

Protanopia

73.6428, 0.3216, 0.3365

Deuteranopia

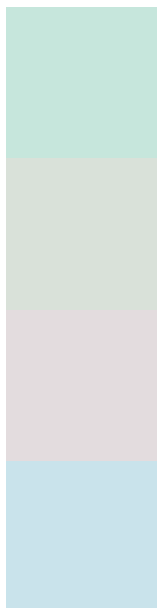
73.1617, 0.3285, 0.3208



Tritanopia

73.4809, 0.2858, 0.3093

Trichromacy



Original Color

73.7667, 0.2975, 0.3402

Protanomaly

73.6119, 0.3123, 0.3378

Deuteranomaly

72.7912, 0.3164, 0.3269

Tritanomaly

73.3538, 0.2904, 0.3201

Monochromacy



Original Color

73.7667, 0.2975, 0.3402

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7387, 0.3069, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7667, 0.2975, 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(198, 230, 220)` looks like.

```
.text, #text, p{  
    color:rgb(198, 230, 220)  
}
```

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(198, 230, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 230, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.7667, 0.2975, 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(198, 230, 220) }
```

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

```
.border{ border-color:rgb(198, 230, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 230, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 230, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 230, 220);  
box-shadow:4px 4px 4px 4px rgb(198, 230,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7667, 0.2975, 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(198, 230, 220) }
```

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

```
.background{ background-color: rgb(198,  
230, 220) }
```

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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