

Converting Colors

$Yxy(76.4078, 0.2893, 0.3410)$

Have a look what the booklet for
Yxy(76.4078, 0.2893, 0.3410)
contains.

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Color

Yxy(76.3743, 0.2897, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	BEECE1
RGB	190, 236, 225
RGB Percent	75%, 93%, 88%
CMY	0.2548, 0.0745, 0.1176
CMYK	0.19, 0.00, 0.05, 0.07
HSL	166°, 55%, 84%
HSV	166°, 19%, 93%
XYZ	64.8275, 76.3743, 82.5729
YIQ	220.9920, -23.8850, -13.1730

Conversions

Conversions Part 2

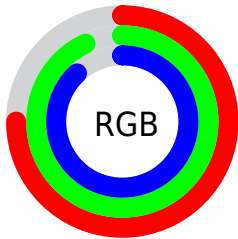
Format	Color
R _Y B	190, 216, 236
Decimal	12512481
CIE Lab	90.03, -16.91, 0.43
CIE LCh	90, 16.918, 178.543
Yxy	76.3743, 0.2897, 0.3413
Android (android.graphics.Color)	4290702561 (0xFFBEECE1)
YUV	220.9920, 1.9759, -27.1800
Hunter-Lab	87.3924, -20.5257, 5.1544

Details

The Yxy color **76.3743, 0.2897, 0.3413** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.8872, 0.3422, 0.3171**, and the grayscale version is **72.3044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **40.7790, 0.2843, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **73.2776, 0.2789, 0.3485**, and if you desaturate by 10%, it is **79.9795, 0.3013, 0.3347**.

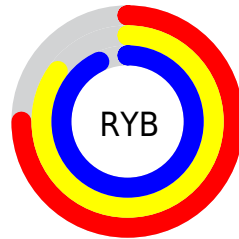
Distribution



Red (75%)

Green (93%)

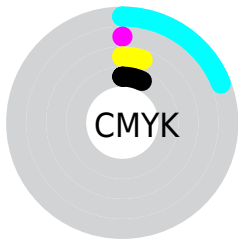
Blue (88%)



Red (75%)

Yellow (85%)

Blue (93%)

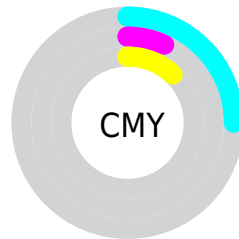


Cyan (19%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (25%)


Magenta (7%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3743, 0.2897, 0.3413 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 76.3743, 0.2897, 0.3413 by changing the saturation by 10% instead.


 76.3743, 0.2897,
0.3413

 76.3743, 0.2897,
0.3413


482.6280, 0.3003,
0.3357

 56.7395, 0.2873,
0.3426


 128.2559, 0.2933,
0.3393

 40.7961, 0.2844,
0.3442


161.2714, 0.2948,
0.3386

 28.1598, 0.2807,
0.3461


199.5160, 0.2960,
0.3379

 18.4462, 0.2758,
0.3487

243.3740, 0.2971,
0.3374

 11.2708, 0.2693,
0.3523

293.2298, 0.2980,
0.3369

 6.2493, 0.2600,
0.3573


349.4678, 0.2988,


 2.9972, 0.2456,


0.3364

0.3651


412.4724, 0.2996,
0.3360


 1.1303, 0.2165,
0.3807


 0.0036, 0.0000,
1.0000


 76.3743, 0.2897,
0.3413


 76.3743, 0.2897,
0.3413


 73.2776, 0.2789,
0.3485

 79.9795, 0.3013,
0.3347


 70.6561, 0.2692,
0.3563


 84.1059, 0.3134,
0.3287


 68.4874, 0.2609,
0.3645

 87.6561, 0.3218,
0.3232


 66.7434, 0.2543,
0.3731


 87.9998, 0.3182,
0.3178


 65.3926, 0.2496,
0.3819


 88.3541, 0.3147,
0.3124

 64.3994, 0.2468,
0.3909

 88.4698, 0.3136,
0.3107

 63.7214, 0.2460,
0.3998

 63.2906, 0.2469,
0.4086

 63.2707, 0.2470,
0.4091

Harmonies

Analogous

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



76.3743, 0.3081, 0.3569



76.3743, 0.2897, 0.3413



76.3743, 0.2776, 0.3225

Triad

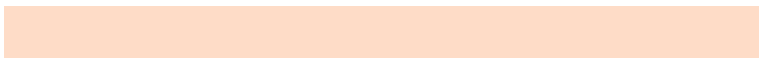
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3743, 0.2897, 0.3413



76.3743, 0.2965, 0.2960



76.3743, 0.3523, 0.3500

Complementary

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



76.3743, 0.2897, 0.3413



58.8872, 0.3422, 0.3171

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.



76.3743, 0.3491, 0.3337



76.3743, 0.2897, 0.3413



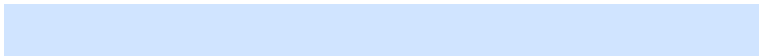
76.3743, 0.3164, 0.3032

Square

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



76.3743, 0.2897, 0.3413



76.3743, 0.2814, 0.2969



76.3743, 0.3358, 0.3168



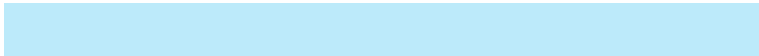
76.3743, 0.3445, 0.3614

Rectangle

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



76.3743, 0.2897, 0.3413



76.3743, 0.2745, 0.3112



76.3743, 0.3358, 0.3168



76.3743, 0.3525, 0.3449

Sweetspot

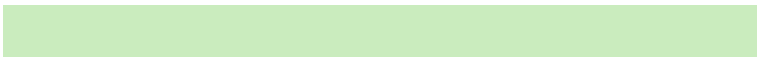
The Sweet Spot groups the original color and five complimentary colors.



76.3775, 0.2897, 0.3413



96.9797, 0.3054, 0.3326



76.1980, 0.3179, 0.3814



20.6903, 0.3046, 0.3330



0.0000, 0.0000, 0.0000



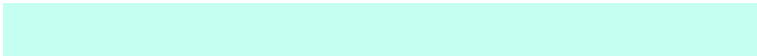
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3775, 0.2897, 0.3413



89.6534, 0.2857, 0.3438



70.5893, 0.2828, 0.3160



17.0568, 0.3013, 0.3347



34.8979, 0.2466, 0.4077



2.7551, 0.2432, 0.3954

Inverse Universe

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



58.8872, 0.3422, 0.3171



65.5687, 0.3491, 0.3147



63.5665, 0.3488, 0.3417



15.1130, 0.3255, 0.3234



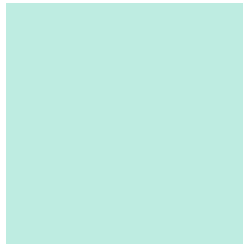
10.0059, 0.5961, 0.3058



0.8004, 0.5573, 0.2844

Previews

White Background



This preview shows how the Yxy color 76.3743, 0.2897, 0.3413 looks on a white background.

Color Contrast Check

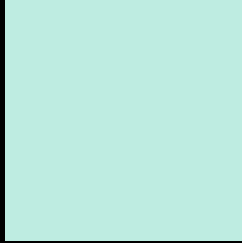
Large Text (above 18pt) WCAG AA × Fail

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 76.3743, 0.2897, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

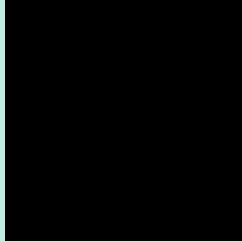
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

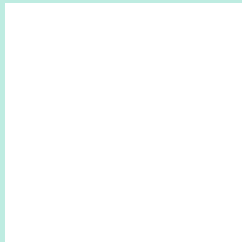
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3743, 0.2897, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 76.3743, 0.2897, 0.3413.

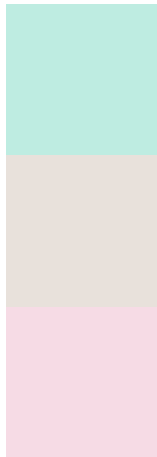


This preview shows how white text looks on a background with the Yxy color 76.3743, 0.2897, 0.3413.

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

76.3743, 0.2897, 0.3413

Protanopia

76.1207, 0.3216, 0.3354

Deuteranopia

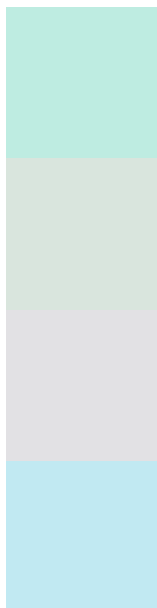
75.9130, 0.3254, 0.3188



Tritanopia

76.2804, 0.2780, 0.3083

Trichromacy



Original Color

76.3743, 0.2897, 0.3413

Protanomaly

76.0108, 0.3096, 0.3377

Deuteranomaly

75.6206, 0.3115, 0.3258

Tritanomaly

76.0261, 0.2818, 0.3190

Monochromacy



Original Color

76.3743, 0.2897, 0.3413

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 76.3743, 0.2897, 0.3413 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(190, 236, 225)` looks like.

```
.text, #text, p{  
    color:rgb(190, 236, 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(190, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 236, 225) }
```

Border

The CSS property to change the border of an element to Yxy 76.3743, 0.2897, 0.3413 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(190, 236, 225) }
```

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

```
.border{ border-color:rgb(190, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(190, 236,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3743, 0.2897, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 236, 225) }
```

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

```
.background{ background-color: rgb(190,  
236, 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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