

Converting Colors

$Yxy(75.1184, 0.2899, 0.3431)$

Have a look what the booklet for
Yxy(75.1184, 0.2899, 0.3431)
contains.

Yxy(75.3820, 0.2901, 0.3437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.3820, 0.2901, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	BCEBDE
RGB	188, 235, 222
RGB Percent	74%, 92%, 87%
CMY	0.2629, 0.0784, 0.1293
CMYK	0.20, 0.00, 0.06, 0.08
HSL	163°, 54%, 83%
HSV	163°, 20%, 92%
XYZ	63.6262, 75.3820, 80.3168
YIQ	219.4650, -23.8390, -14.0070

Conversions

Conversions Part 2

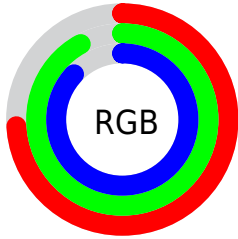
Format	Color
R _{YB}	188, 215, 235
Decimal	12381150
CIE _{Lab}	89.57, -17.66, 1.31
CIE _{LCh}	90, 17.708, 175.753
Yxy	75.3820, 0.2901, 0.3437
Android (android.graphics.Color)	4290571230 (0xFFBCEBDE)
YUV	219.4650, 1.2498, -27.5948
Hunter-Lab	86.8228, -21.1301, 5.9288

Details

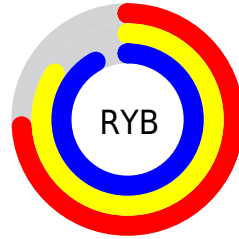
The Yxy color **75.3820, 0.2901, 0.3437** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.8278, 0.3418, 0.3148**, and the grayscale version is **71.1790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **40.0986, 0.2849, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **72.2989, 0.2798, 0.3521**, and if you desaturate by 10%, it is **78.9707, 0.3012, 0.3360**.

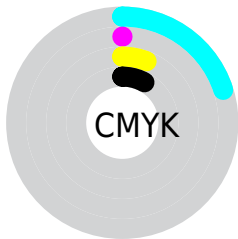
Distribution



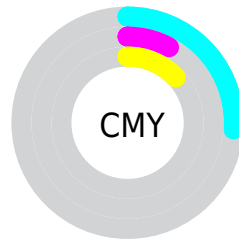
- Red (74%)
- Green (92%)
- Blue (87%)



- Red (74%)
- Yellow (84%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (26%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3820, 0.2901, 0.3437 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 75.3820, 0.2901, 0.3437 by changing the saturation by 10% instead.


 75.3820, 0.2901,
0.3437

 75.3820, 0.2901,
0.3437


479.2295, 0.3005,
0.3369

 55.9259, 0.2877,
0.3453

 126.8530, 0.2937,
0.3413

 40.1435, 0.2848,
0.3472

159.6366, 0.2951,
0.3404

 27.6505, 0.2811,
0.3496


197.6315, 0.2963,
0.3396

 18.0623, 0.2763,
0.3528

241.2222, 0.2974,
0.3390

 10.9947, 0.2698,
0.3571

290.7929, 0.2983,
0.3383

 6.0633, 0.2604,
0.3634

346.7281, 0.2991,

 2.8836, 0.2458,

0.3378

409.4122, 0.2999,
0.3373

0.3733

1.0713, 0.2123,
0.3949

0.0000, 0.0000,
0.0000

75.3820, 0.2901,
0.3437

75.3820, 0.2901,
0.3437

72.2989, 0.2798,
0.3521

78.9707, 0.3012,
0.3360

69.6884, 0.2706,
0.3612

83.0776, 0.3127,
0.3290

67.5280, 0.2627,
0.3708

87.0641, 0.3221,
0.3227


65.7896, 0.2565,
0.3809


87.4599, 0.3180,
0.3164


 64.4421, 0.2521,
0.3913

 87.8697, 0.3139,
0.3103

 63.4496, 0.2498,
0.4018

 87.9040, 0.3136,
0.3098

 62.7697, 0.2494,
0.4123

 62.3309, 0.2507,
0.4226

Harmonies

Analogous

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



75.3820, 0.3098, 0.3595



75.3820, 0.2901, 0.3437



75.3820, 0.2767, 0.3240

Triad

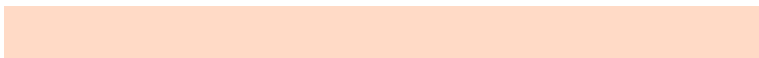
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3820, 0.2901, 0.3437



75.3820, 0.2939, 0.2941



75.3820, 0.3545, 0.3495

Complementary

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



75.3820, 0.2901, 0.3437



57.8278, 0.3418, 0.3148

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.



75.3820, 0.3501, 0.3322



75.3820, 0.2901, 0.3437



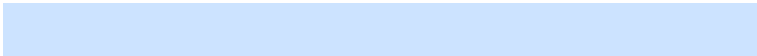
75.3820, 0.3145, 0.3009

Square

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



75.3820, 0.2901, 0.3437



75.3820, 0.2788, 0.2959



75.3820, 0.3353, 0.3147



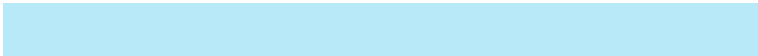
75.3820, 0.3473, 0.3623

Rectangle

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



75.3820, 0.2901, 0.3437



75.3820, 0.2728, 0.3117



75.3820, 0.3353, 0.3147



75.3820, 0.3544, 0.3440

Sweetspot

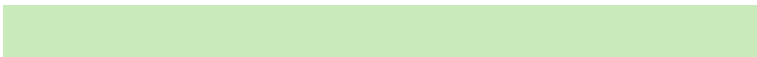
The Sweet Spot groups the original color and five complimentary colors.



75.3851, 0.2901, 0.3437



96.9437, 0.3057, 0.3331



75.5109, 0.3191, 0.3828



20.6817, 0.3050, 0.3336



0.0000, 0.0000, 0.0000



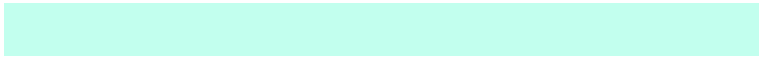
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3851, 0.2901, 0.3437



89.1419, 0.2858, 0.3471



70.4369, 0.2821, 0.3174



17.0468, 0.3018, 0.3356



34.7083, 0.2503, 0.4210



2.7416, 0.2463, 0.4066

Inverse Universe

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



57.8278, 0.3418, 0.3148



64.4427, 0.3493, 0.3117



61.7518, 0.3503, 0.3403



15.1224, 0.3249, 0.3225



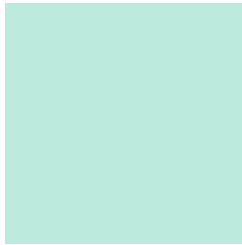
10.0600, 0.5842, 0.2992



0.8058, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 75.3820, 0.2901, 0.3437 looks on a white background.

Color Contrast Check

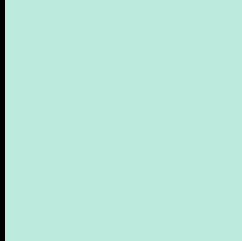
Large Text (above 18pt) WCAG AA × Fail

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 75.3820, 0.2901, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

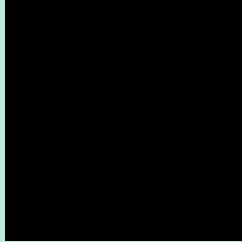
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

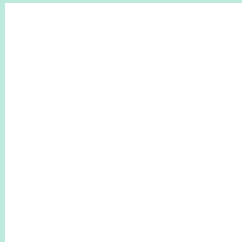
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3820, 0.2901, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 75.3820, 0.2901, 0.3437.

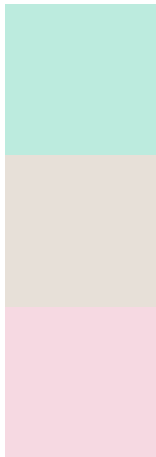


This preview shows how white text looks on a background with the Yxy color 75.3820, 0.2901, 0.3437.

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

75.3820, 0.2901, 0.3437

Protanopia

75.2581, 0.3230, 0.3375

Deuteranopia

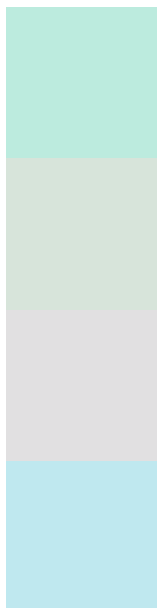
74.7095, 0.3277, 0.3198



Tritanopia

75.3288, 0.2778, 0.3092

Trichromacy



Original Color

75.3820, 0.2901, 0.3437

Protanomaly

74.9958, 0.3101, 0.3399

Deuteranomaly

74.7551, 0.3128, 0.3279

Tritanomaly

75.0216, 0.2822, 0.3211

Monochromacy



Original Color

75.3820, 0.2901, 0.3437

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.4276, 0.3042, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3820, 0.2901, 0.3437 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(188, 235, 222)` looks like.

```
.text, #text, p{  
    color:rgb(188, 235, 222)  
}
```

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(188, 235, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 235, 222) }
```

Border

The CSS property to change the border of an element to Yxy 75.3820, 0.2901, 0.3437 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(188, 235, 222) }
```

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

```
.border{ border-color:rgb(188, 235, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 235, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 235, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 235, 222);  
box-shadow:4px 4px 4px 4px rgb(188, 235,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3820, 0.2901, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 235, 222) }
```

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

```
.background{ background-color: rgb(188,  
235, 222) }
```

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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