

Converting Colors

$Yxy(75.5206, 0.2825, 0.3284)$

Have a look what the booklet for
Yxy(75.5206, 0.2825, 0.3284)
contains.

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Color

Yxy(75.4086, 0.2822, 0.3278)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | BBEAEB |
| RGB | 187, 234, 235 |
| RGB Percent | 73%, 92%, 92% |
| CMY | 0.2665, 0.0824, 0.0785 |
| CMYK | 0.20, 0.00, 0.00, 0.08 |
| HSL | 181°, 54%, 83% |
| HSV | 181°, 20%, 92% |
| XYZ | 64.9186, 75.4086, 89.7174 |
| YIQ | 220.0610, -28.3330, -9.6530 |

Conversions

Conversions Part 2

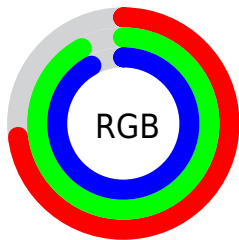
| Format | Color |
|-------------------------------------|---|
| RYB | 187, 211, 235 |
| Decimal | 12315371 |
| CIELab | 89.58, -14.77, -5.46 |
| CIElCh | 90, 15.748, 200.282 |
| Yxy | 75.4086, 0.2822, 0.3278 |
| Android (android.graphics.Color) | 4290505451 (0xFFBBEAEB) |
| YUV | 220.0610, 7.3649, -28.9945 |
| Hunter-Lab | 86.8381, -18.5234, -0.4692 |

Details

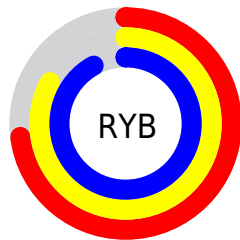
The Yxy color **75.4086, 0.2822, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.2328, 0.3532, 0.3302**, and the grayscale version is **71.5849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **40.0820, 0.2755, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **72.4100, 0.2688, 0.3272**, and if you desaturate by 10%, it is **78.8990, 0.2967, 0.3284**.

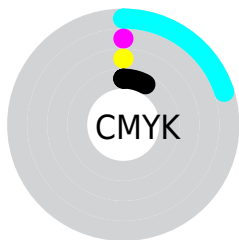
Distribution



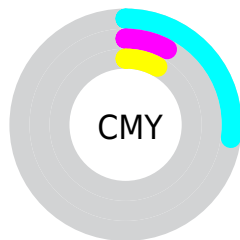
- Red (73%)
- Green (92%)
- Blue (92%)



- Red (73%)
- Yellow (83%)
- Blue (92%)



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





- Cyan (27%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4086, 0.2822, 0.3278 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 75.4086, 0.2822, 0.3278 by changing the saturation by 10% instead.


 75.4086, 0.2822,
0.3278

 75.4086, 0.2822,
0.3278

479.3208, 0.2961,
0.3285

 55.9477, 0.2791,
0.3276


 126.8906, 0.2870,
0.3281

 40.1610, 0.2752,
0.3273


159.6805, 0.2889,
0.3282

 27.6641, 0.2704,
0.3270


197.6821, 0.2905,
0.3283

 18.0726, 0.2641,
0.3264

241.2799, 0.2919,
0.3283

 11.0021, 0.2557,
0.3256

290.8583, 0.2931,
0.3284

 6.0683, 0.2438,
0.3243

346.8017, 0.2942,

 2.8866, 0.2257,

0.3284

0.3218

409.4944, 0.2952,
0.3285

1.0728, 0.1918,
0.3176

0.0000, 0.0000,
0.0000

75.4086, 0.2822,
0.3278

75.4086, 0.2822,
0.3278

72.4100, 0.2688,
0.3272

78.8990, 0.2967,
0.3284

69.8705, 0.2568,
0.3265

82.8941, 0.3121,
0.3290

67.7677, 0.2465,
0.3258

86.9311, 0.3262,
0.3295

66.0735, 0.2381,
0.3251

87.2096, 0.3262,
0.3300

■ 64.7567, 0.2316,
0.3244

■ 87.4887, 0.3261,
0.3304

■ 63.7815, 0.2270,
0.3237

■ 87.7687, 0.3261,
0.3309

■ 63.1054, 0.2242,
0.3230

■ 88.0494, 0.3260,
0.3314

■ 62.6689, 0.2229,
0.3224

■ 88.3308, 0.3260,
0.3319

■ 88.6130, 0.3260,
0.3323

Harmonies

Analogous

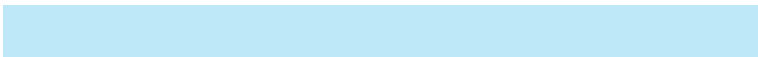
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4086, 0.2955, 0.3450



75.4086, 0.2822, 0.3278



75.4086, 0.2769, 0.3115

Triad

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



75.4086, 0.2822, 0.3278



75.4086, 0.3109, 0.3023



75.4086, 0.3454, 0.3571

Complementary

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



75.4086, 0.2822, 0.3278



57.2328, 0.3532, 0.3302

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.



75.4086, 0.3499, 0.3448



75.4086, 0.2822, 0.3278



75.4086, 0.3297, 0.3136

Square

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



75.4086, 0.2822, 0.3278



75.4086, 0.2931, 0.2975



75.4086, 0.3441, 0.3290



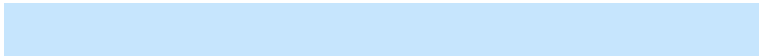
75.4086, 0.3320, 0.3621

Rectangle

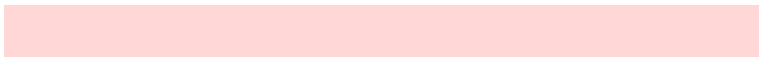
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4086, 0.2822, 0.3278



75.4086, 0.2785, 0.3035



75.4086, 0.3441, 0.3290



75.4086, 0.3480, 0.3536

Sweetspot

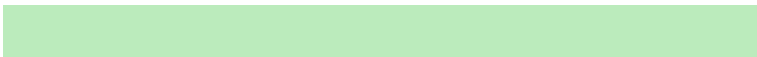
The Sweet Spot groups the original color and five complimentary colors.



75.4117, 0.2822, 0.3278



97.0118, 0.3034, 0.3287



73.6030, 0.3096, 0.3845



20.6978, 0.3024, 0.3286



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.



75.4117, 0.2822, 0.3278



89.3807, 0.2771, 0.3276



62.7698, 0.2804, 0.3004



17.0655, 0.2981, 0.3285



34.9084, 0.2229, 0.3225



2.7581, 0.2232, 0.3234

Inverse Universe

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



59.1622, 0.3158, 0.2794



66.8936, 0.3164, 0.2702



68.2447, 0.3481, 0.3561



15.3081, 0.3141, 0.3063



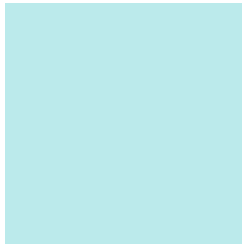
13.0168, 0.3261, 0.1570



1.0239, 0.3253, 0.1566

Previews

White Background



This preview shows how the Yxy color 75.4086, 0.2822, 0.3278 looks on a white background.

Color Contrast Check

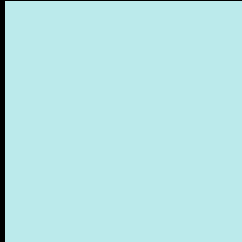
Large Text (above 18pt) WCAG AA × Fail

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 75.4086, 0.2822, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

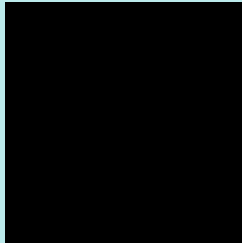
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4086, 0.2822, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 75.4086, 0.2822, 0.3278.

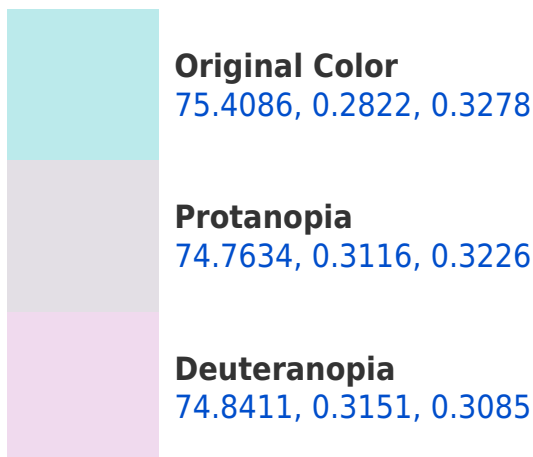


This preview shows how white text looks on a background with the Yxy color 75.4086, 0.2822, 0.3278.

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

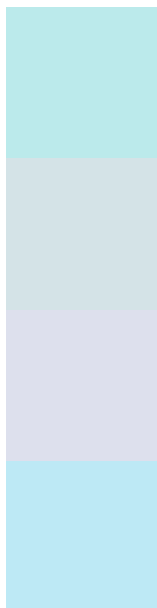




Tritanopia

75.5625, 0.2756, 0.3092

Trichromacy



Original Color

75.4086, 0.2822, 0.3278

Protanomaly

74.7047, 0.3000, 0.3246

Deuteranomaly

74.7979, 0.3024, 0.3152

Tritanomaly

75.6892, 0.2778, 0.3157

Monochromacy



Original Color

75.4086, 0.2822, 0.3278

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6966, 0.3011, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4086, 0.2822, 0.3278 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(187, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 235)  
}
```

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(187, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 235) }
```

Border

The CSS property to change the border of an element to Yxy 75.4086, 0.2822, 0.3278 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(187, 234, 235) }
```

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

```
.border{ border-color:rgb(187, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4086, 0.2822, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 235) }
```

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

```
.background{ background-color: rgb(187,  
234, 235) }
```

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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