

Converting Colors

$Yxy(72.5256, 0.2817, 0.3396)$

Have a look what the booklet for
Yxy(72.5256, 0.2817, 0.3396)
contains.

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Color

Yxy(72.8356, 0.2822, 0.3405)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B0E9DF |
| RGB | 176, 233, 223 |
| RGB Percent | 69%, 91%, 87% |
| CMY | 0.3098, 0.0863, 0.1254 |
| CMYK | 0.24, 0.00, 0.04, 0.09 |
| HSL | 170°, 56%, 80% |
| HSV | 170°, 24%, 91% |
| XYZ | 60.3648, 72.8356, 80.7074 |
| YIQ | 214.8170, -30.7620, -15.1940 |

Conversions

Conversions Part 2

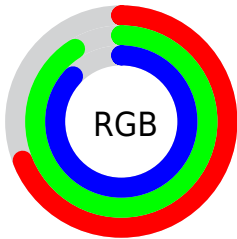
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 176, 207, 233 |
| Decimal | 11594207 |
| CIE Lab | 88.37, -20.08, -1.05 |
| CIE LCh | 88, 20.110, 183.005 |
| Yxy | 72.8356, 0.2822, 0.3405 |
| Android (android.graphics.Color) | 4289784287 (0xFFB0E9DF) |
| YUV | 214.8170, 4.0342, -34.0425 |
| Hunter-Lab | 85.3438, -23.0962, 3.6716 |

Details

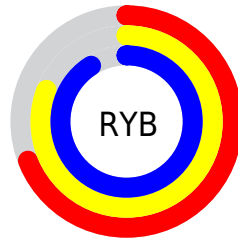
The Yxy color **72.8356, 0.2822, 0.3405** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.9182, 0.3551, 0.3179**, and the grayscale version is **67.8149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **38.4090, 0.2750, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **70.1343, 0.2713, 0.3459**, and if you desaturate by 10%, it is **76.0143, 0.2942, 0.3355**.

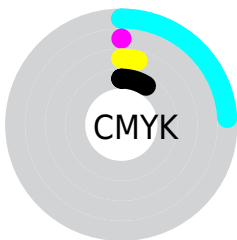
Distribution



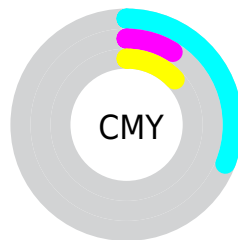
- Red (69%)
- Green (91%)
- Blue (87%)



- Red (69%)
- Yellow (81%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)




- Cyan (31%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8356, 0.2822, 0.3405 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 72.8356, 0.2822, 0.3405 by changing the saturation by 10% instead.

 72.8356, 0.2822,
0.3405

 72.8356, 0.2822,
0.3405


470.4448, 0.2963,
0.3352

 53.8415, 0.2790,
0.3417


 123.2438, 0.2871,
0.3387

 38.4750, 0.2750,
0.3431

155.4267, 0.2890,
0.3380

 26.3516, 0.2701,
0.3450


192.7747, 0.2906,
0.3374

 17.0868, 0.2635,
0.3474

235.6722, 0.2920,
0.3368

 10.2964, 0.2547,
0.3506

284.5036, 0.2933,
0.3364

 5.5959, 0.2420,
0.3551

339.6532, 0.2944,

 2.6010, 0.2223,

0.3360

401.5055, 0.2954,
0.3356

0.3621

0.9272, 0.1623,
0.3855

0.0000, 0.0000,
0.0000

72.8356, 0.2822,
0.3405

72.8356, 0.2822,
0.3405

70.1343, 0.2713,
0.3459

76.0143, 0.2942,
0.3355

67.8776, 0.2616,
0.3517

79.6836, 0.3069,
0.3309

66.0425, 0.2536,
0.3577

83.8673, 0.3200,
0.3268

64.6005, 0.2474,
0.3639

85.7914, 0.3236,
0.3228

■ 63.5192, 0.2431,
0.3702

■ 86.0356, 0.3210,
0.3189

■ 62.7613, 0.2408,
0.3766

■ 86.2853, 0.3184,
0.3149

■ 62.2811, 0.2404,
0.3829

■ 86.5405, 0.3159,
0.3110

■ 62.0954, 0.2407,
0.3863

■ 86.7595, 0.3137,
0.3078

Harmonies

Analogous

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



72.8356, 0.3034, 0.3607



72.8356, 0.2822, 0.3405



72.8356, 0.2693, 0.3177

Triad

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



72.8356, 0.2822, 0.3405



72.8356, 0.2964, 0.2902



72.8356, 0.3600, 0.3566

Complementary

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



72.8356, 0.2822, 0.3405



51.9182, 0.3551, 0.3179

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.



72.8356, 0.3582, 0.3375



72.8356, 0.2822, 0.3405



72.8356, 0.3207, 0.3001

Square

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



72.8356, 0.2822, 0.3405



72.8356, 0.2772, 0.2896



72.8356, 0.3436, 0.3171



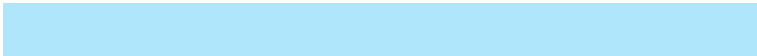
72.8356, 0.3486, 0.3694

Rectangle

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



72.8356, 0.2822, 0.3405



72.8356, 0.2668, 0.3046



72.8356, 0.3436, 0.3171



72.8356, 0.3609, 0.3507

Sweetspot

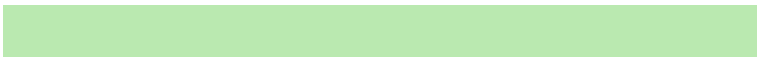
The Sweet Spot groups the original color and five complimentary colors.



72.8386, 0.2822, 0.3405



96.5708, 0.3036, 0.3320



71.9094, 0.3165, 0.3969



20.6100, 0.3028, 0.3323



0.0000, 0.0000, 0.0000



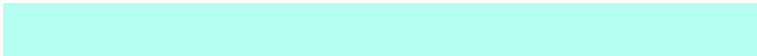
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8386, 0.2822, 0.3405



87.7642, 0.2769, 0.3430



63.6894, 0.2749, 0.3077



17.0740, 0.3004, 0.3331



35.2498, 0.2404, 0.3854



2.7798, 0.2380, 0.3766

Inverse Universe

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



51.9182, 0.3551, 0.3179



58.2227, 0.3660, 0.3157



59.0644, 0.3593, 0.3493



15.0971, 0.3265, 0.3249



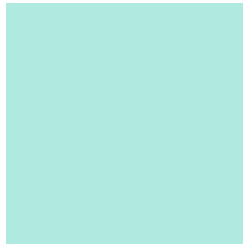
9.9324, 0.6135, 0.3153



0.7924, 0.5775, 0.2955

Previews

White Background



This preview shows how the Yxy color 72.8356, 0.2822, 0.3405 looks on a white background.

Color Contrast Check

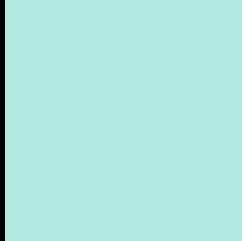
Large Text (above 18pt) WCAG AA × Fail

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 72.8356, 0.2822, 0.3405 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

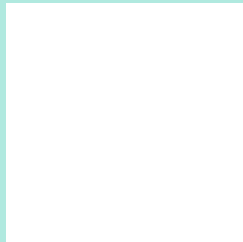
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8356, 0.2822, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 72.8356, 0.2822, 0.3405.

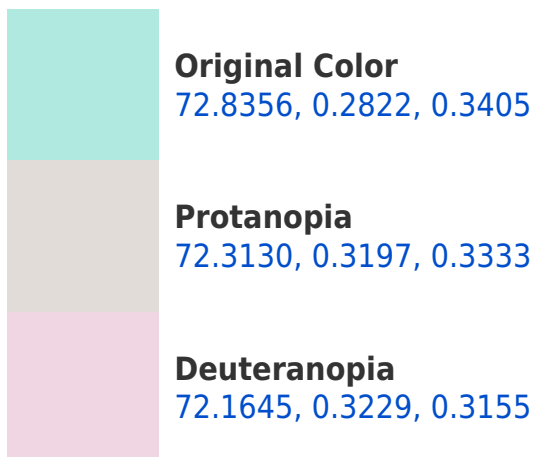


This preview shows how white text looks on a background with the Yxy color 72.8356, 0.2822, 0.3405.

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

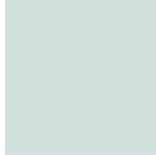
72.6397, 0.2711, 0.3076

Trichromacy



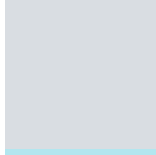
Original Color

72.8356, 0.2822, 0.3405



Protanomaly

72.3748, 0.3048, 0.3357



Deuteranomaly

71.9556, 0.3067, 0.3235



Tritanomaly

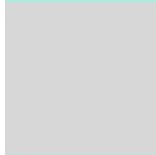
72.4093, 0.2749, 0.3187

Monochromacy



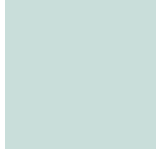
Original Color

72.8356, 0.2822, 0.3405



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.7220, 0.3007, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8356, 0.2822, 0.3405 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(176, 233, 223)` looks like.

```
.text, #text, p{  
    color:rgb(176, 233, 223)  
}
```

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(176, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 233, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.8356, 0.2822, 0.3405 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(176, 233, 223) }
```

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

```
.border{ border-color:rgb(176, 233, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 233, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(176, 233,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8356, 0.2822, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 233, 223) }
```

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

```
.background{ background-color: rgb(176,  
233, 223) }
```

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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