

Converting Colors

$Yxy(72.4926, 0.2856, 0.3382)$

Have a look what the booklet for
Yxy(72.4926, 0.2856, 0.3382)
contains.

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Color

Yxy(72.4246, 0.2857, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	B6E7DF
RGB	182, 231, 223
RGB Percent	71%, 91%, 87%
CMY	0.2863, 0.0941, 0.1256
CMYK	0.21, 0.00, 0.03, 0.09
HSL	170°, 51%, 81%
HSV	170°, 21%, 91%
XYZ	61.1819, 72.4246, 80.5408
YIQ	215.4370, -26.6360, -12.8760

Conversions

Conversions Part 2

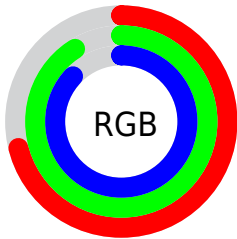
Format	Color
RYB	182, 209, 231
Decimal	11986911
CIELab	88.17, -17.30, -1.27
CIELCh	88, 17.350, 184.193
Yxy	72.4246, 0.2857, 0.3382
Android (android.graphics.Color)	4290176991 (0xFFB6E7DF)
YUV	215.4370, 3.7286, -29.3242
Hunter-Lab	85.1026, -20.6027, 3.4600

Details

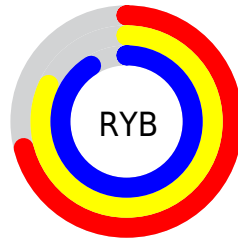
The Yxy color **72.4246, 0.2857, 0.3382** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.1651, 0.3485, 0.3201**, and the grayscale version is **68.2544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **38.0763, 0.2792, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **69.6409, 0.2743, 0.3431**, and if you desaturate by 10%, it is **75.6827, 0.2981, 0.3336**.

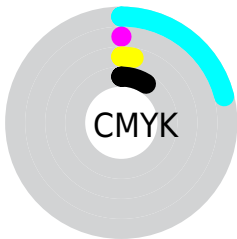
Distribution



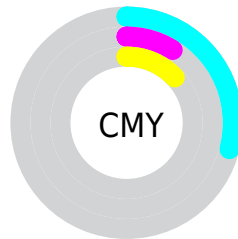
- Red (71%)
- Green (91%)
- Blue (87%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)




- Cyan (29%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4246, 0.2857, 0.3382 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 72.4246, 0.2857, 0.3382 by changing the saturation by 10% instead.


 72.4246, 0.2857,
0.3382

 72.4246, 0.2857,
0.3382

469.0181, 0.2982,
0.3340

 53.5056, 0.2829,
0.3391


 122.6600, 0.2900,
0.3368

 38.2065, 0.2793,
0.3403


154.7452, 0.2917,
0.3362

 26.1430, 0.2749,
0.3418


191.9879, 0.2932,
0.3357

 16.9307, 0.2691,
0.3437

234.7726, 0.2944,
0.3353

 10.1851, 0.2612,
0.3462

283.4835, 0.2955,
0.3349

 5.5218, 0.2499,
0.3499

338.5051, 0.2965,

 2.5566, 0.2322,

0.3346

400.2219, 0.2974,
0.3343

0.3554

0.9049, 0.1808,
0.3739

0.0000, 0.0000,
0.0000

72.4246, 0.2857,
0.3382

72.4246, 0.2857,
0.3382

69.6409, 0.2743,
0.3431

75.6827, 0.2981,
0.3336

67.3001, 0.2641,
0.3484

79.4276, 0.3111,
0.3295


65.3803, 0.2554,
0.3540


83.6821, 0.3245,
0.3257

63.8545, 0.2485,
0.3597


84.5977, 0.3246,
0.3220

 62.6924, 0.2435,
0.3656


 84.8231, 0.3221,
0.3183

 61.8593, 0.2405,
0.3715

 85.0532, 0.3197,
0.3147

 61.3136, 0.2393,
0.3774

 85.2881, 0.3173,
0.3110

 61.0114, 0.2396,
0.3825

 85.5277, 0.3149,
0.3074

 85.6369, 0.3138,
0.3058

Harmonies

Analogous

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



72.4246, 0.3040, 0.3556



72.4246, 0.2857, 0.3382



72.4246, 0.2748, 0.3187

Triad

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



72.4246, 0.2857, 0.3382



72.4246, 0.2995, 0.2954



72.4246, 0.3533, 0.3536

Complementary

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



72.4246, 0.2857, 0.3382



54.1651, 0.3485, 0.3201

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.



72.4246, 0.3522, 0.3372



72.4246, 0.2857, 0.3382



72.4246, 0.3206, 0.3044

Square

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



72.4246, 0.2857, 0.3382



72.4246, 0.2825, 0.2947



72.4246, 0.3401, 0.3194



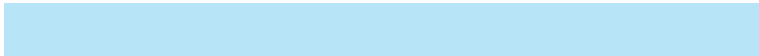
72.4246, 0.3432, 0.3642

Rectangle

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



72.4246, 0.2857, 0.3382



72.4246, 0.2728, 0.3074



72.4246, 0.3401, 0.3194



72.4246, 0.3543, 0.3486

Sweetspot

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



72.4276, 0.2857, 0.3382



97.0521, 0.3048, 0.3314



71.5028, 0.3155, 0.3870



20.7074, 0.3039, 0.3317



0.0000, 0.0000, 0.0000



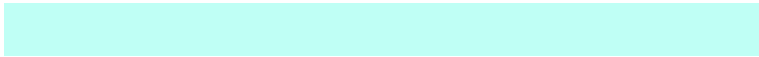
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4276, 0.2857, 0.3382



89.1931, 0.2811, 0.3401



64.1489, 0.2798, 0.3099



16.2936, 0.3003, 0.3329



34.2165, 0.2393, 0.3816



2.5394, 0.2370, 0.3730

Inverse Universe

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



54.1651, 0.3485, 0.3201



62.8814, 0.3571, 0.3183



60.9093, 0.3517, 0.3474



14.4064, 0.3267, 0.3252



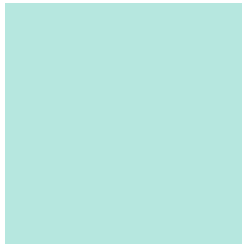
9.6144, 0.6158, 0.3166



0.7222, 0.5786, 0.2961

Previews

White Background



This preview shows how the Yxy color 72.4246, 0.2857, 0.3382 looks on a white background.

Color Contrast Check

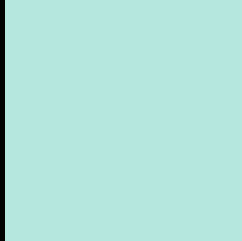
Large Text (above 18pt) WCAG AA × Fail

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 72.4246, 0.2857, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

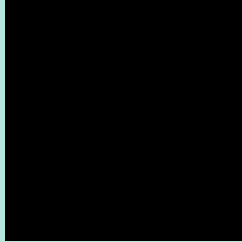
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

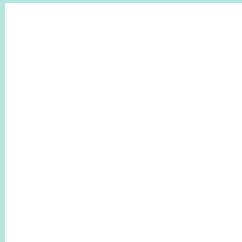
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4246, 0.2857, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 72.4246, 0.2857, 0.3382.

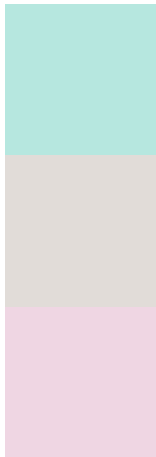


This preview shows how white text looks on a background with the Yxy color 72.4246, 0.2857, 0.3382.

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

72.4246, 0.2857, 0.3382

Protanopia

72.1518, 0.3190, 0.3333

Deuteranopia

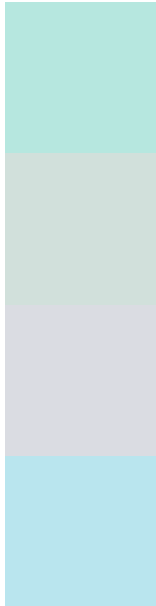
71.9899, 0.3221, 0.3155



Tritanopia

72.7054, 0.2756, 0.3089

Trichromacy



Original Color

72.4246, 0.2857, 0.3382

Protanomaly

71.9811, 0.3055, 0.3345

Deuteranomaly

71.5828, 0.3074, 0.3225

Tritanomaly

72.5260, 0.2789, 0.3188

Monochromacy



Original Color

72.4246, 0.2857, 0.3382

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.4714, 0.3021, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4246, 0.2857, 0.3382 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(182, 231, 223)` looks like.

```
.text, #text, p{  
    color:rgb(182, 231, 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(182, 231, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 231, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.4246, 0.2857, 0.3382 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(182, 231, 223) }
```

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

```
.border{ border-color:rgb(182, 231, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 231, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 231, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 231, 223);  
box-shadow:4px 4px 4px 4px rgb(182, 231,  
223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.4246, 0.2857, 0.3382$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 231, 223) }
```

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

```
.background{ background-color: rgb(182,  
231, 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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