

Converting Colors

$Yxy(75.5682, 0.2843, 0.3633)$

Have a look what the booklet for
Yxy(75.5682, 0.2843, 0.3633)
contains.

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Color

Yxy(75.3482, 0.2847, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	A8F0D3
RGB	168, 240, 211
RGB Percent	66%, 94%, 83%
CMY	0.3412, 0.0588, 0.1726
CMYK	0.30, 0.00, 0.12, 0.06
HSL	156°, 71%, 80%
HSV	156°, 30%, 94%
XYZ	59.0629, 75.3482, 73.0454
YIQ	215.1660, -33.6030, -24.2830

Conversions

Conversions Part 2

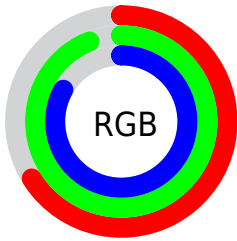
Format	Color
R _Y B	168, 213, 240
Decimal	11071699
CIE Lab	89.56, -28.31, 6.91
CIE LCh	90, 29.140, 166.281
Yxy	75.3482, 0.2847, 0.3632
Android (android.graphics.Color)	4289261779 (0xFFA8F0D3)
YUV	215.1660, -2.0538, -41.3646
Hunter-Lab	86.8033, -30.4506, 10.8695

Details

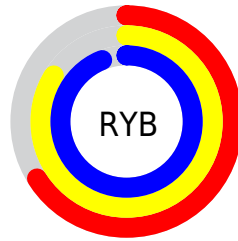
The Yxy color **75.3482, 0.2847, 0.3632** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **50.5613, 0.3530, 0.2974**, and the grayscale version is **68.1043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **40.2927, 0.2779, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **72.4852, 0.2768, 0.3768**, and if you desaturate by 10%, it is **78.7328, 0.2935, 0.3507**.

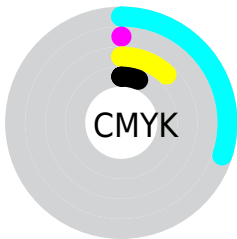
Distribution



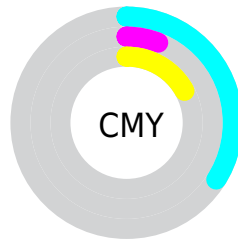
- Red (66%)
- Green (94%)
- Blue (83%)



- Red (66%)
- Yellow (84%)
- Blue (94%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (6%)





- Cyan (34%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3482, 0.2847, 0.3632 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 75.3482, 0.2847, 0.3632 by changing the saturation by 10% instead.


 75.3482, 0.2847,
0.3632

 75.3482, 0.2847,
0.3632


479.1135, 0.2978,
0.3471

 55.8982, 0.2817,
0.3670


 126.8051, 0.2893,
0.3575

 40.1213, 0.2780,
0.3716


159.5808, 0.2910,
0.3554

 27.6331, 0.2732,
0.3776


197.5673, 0.2925,
0.3535

 18.0493, 0.2670,
0.3856

241.1488, 0.2939,
0.3519

 10.9854, 0.2585,
0.3966

290.7097, 0.2950,
0.3505

 6.0570, 0.2460,
0.4129


346.6346, 0.2960,


 2.8798, 0.2263,

0.3492


0.4394


409.3077, 0.2969,
0.3481


 1.0693, 0.1532,
0.5210


 0.0000, 0.0000,
0.0000


 75.3482, 0.2847,
0.3632


 75.3482, 0.2847,
0.3632


 72.4852, 0.2768,
0.3768


 78.7328, 0.2935,
0.3507


 70.1070, 0.2701,
0.3914

 82.6548, 0.3030,
0.3393

 68.1871, 0.2650,
0.4067

 87.1409, 0.3127,
0.3290

 66.6919, 0.2617,
0.4224

 90.4669, 0.3166,
0.3197

■ 65.5836, 0.2604,
0.4383

■ 90.8051, 0.3134,
0.3146

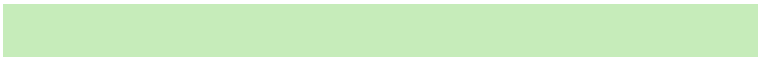
■ 64.8170, 0.2612,
0.4540

■ 64.3164, 0.2637,
0.4693

Harmonies

Analogous

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



75.3482, 0.3183, 0.3860



75.3482, 0.2847, 0.3632



75.3482, 0.2595, 0.3303

Triad

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



75.3482, 0.2847, 0.3632



75.3482, 0.2728, 0.2721



75.3482, 0.3818, 0.3527

Complementary

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



75.3482, 0.2847, 0.3632



50.5613, 0.3530, 0.2974

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.



75.3482, 0.3684, 0.3241



75.3482, 0.2847, 0.3632



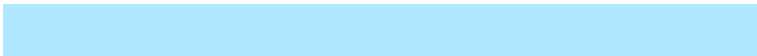
75.3482, 0.3041, 0.2793

Square

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



75.3482, 0.2847, 0.3632



75.3482, 0.2530, 0.2787



75.3482, 0.3394, 0.2979



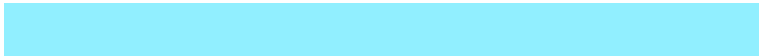
75.3482, 0.3752, 0.3773

Rectangle

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



75.3482, 0.2847, 0.3632



75.3482, 0.2503, 0.3087



75.3482, 0.3394, 0.2979



75.3482, 0.3795, 0.3433

Sweetspot

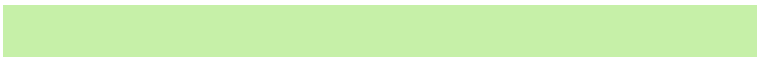
The Sweet Spot groups the original color and five complimentary colors.



75.3513, 0.2847, 0.3632



95.3226, 0.3039, 0.3382



77.1576, 0.3283, 0.4118



20.2519, 0.3025, 0.3398



0.0000, 0.0000, 0.0000



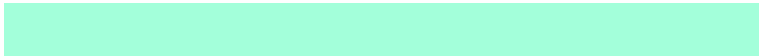
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3513, 0.2847, 0.3632



84.3896, 0.2797, 0.3714



73.4654, 0.2687, 0.3220



17.8148, 0.3035, 0.3387



35.2321, 0.2630, 0.4668



2.9506, 0.2574, 0.4467

Inverse Universe

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



50.5613, 0.3530, 0.2974



51.7050, 0.3645, 0.2907



51.6233, 0.3783, 0.3359



15.8644, 0.3230, 0.3195



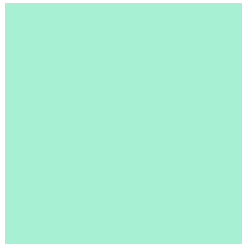
10.6355, 0.5365, 0.2729



0.9040, 0.5018, 0.2538

Previews

White Background



This preview shows how the Yxy color 75.3482, 0.2847, 0.3632 looks on a white background.

Color Contrast Check

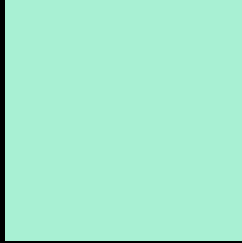
Large Text (above 18pt) WCAG AA × Fail

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 75.3482, 0.2847, 0.3632 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

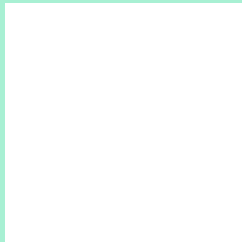
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3482, 0.2847, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 75.3482, 0.2847, 0.3632.

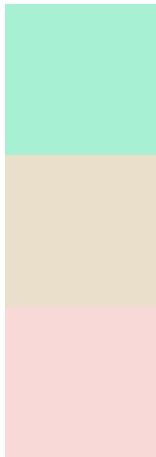


This preview shows how white text looks on a background with the Yxy color 75.3482, 0.2847, 0.3632.

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

75.3482, 0.2847, 0.3632

Protanopia

74.3633, 0.3340, 0.3516

Deuteranopia

74.7233, 0.3370, 0.3301



Tritanopia

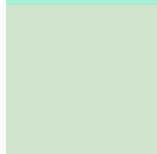
75.2846, 0.2669, 0.3078

Trichromacy



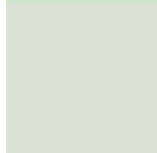
Original Color

75.3482, 0.2847, 0.3632



Protanomaly

74.0017, 0.3142, 0.3559



Deuteranomaly

73.9211, 0.3164, 0.3410



Tritanomaly

75.1626, 0.2733, 0.3266

Monochromacy



Original Color

75.3482, 0.2847, 0.3632



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.1721, 0.3012, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3482, 0.2847, 0.3632 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(168, 240, 211)` looks like.

```
.text, #text, p{  
    color:rgb(168, 240, 211)  
}
```

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(168, 240, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 211) }
```

Border

The CSS property to change the border of an element to Yxy 75.3482, 0.2847, 0.3632 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(168, 240, 211) }
```

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

```
.border{ border-color:rgb(168, 240, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 240, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 240, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 240, 211);  
box-shadow:4px 4px 4px 4px rgb(168, 240,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3482, 0.2847, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 240, 211) }
```

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

```
.background{ background-color: rgb(168,  
240, 211) }
```

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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