

# Converting Colors

$Yxy(74.1056, 0.2845, 0.3736)$

Have a look what the booklet for  
Yxy(74.1056, 0.2845, 0.3736)  
contains.

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# Color

**Yxy(74.1056, 0.2845, 0.3736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0F0CB
RGB	160, 240, 203
RGB Percent	63%, 94%, 80%
CMY	0.3726, 0.0588, 0.2040
CMYK	0.33, 0.00, 0.15, 0.06
HSL	152°, 73%, 78%
HSV	152°, 33%, 94%
XYZ	56.4321, 74.1056, 67.8177
YIQ	211.8620, -35.8030, -28.4670

# Conversions

## Conversions Part 2

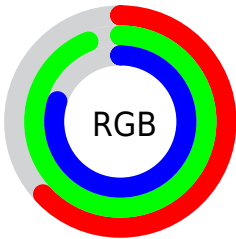
Format	Color
R <sub>Y</sub> B	160, 212, 240
Decimal	10547403
CIE Lab	88.97, -32.23, 10.19
CIE LCh	89, 33.797, 162.460
Yxy	74.1056, 0.2845, 0.3736
Android (android.graphics.Color)	4288737483 (0xFFA0F0CB)
YUV	211.8620, -4.3690, -45.4830
Hunter-Lab	86.0846, -33.6337, 13.5504

# Details

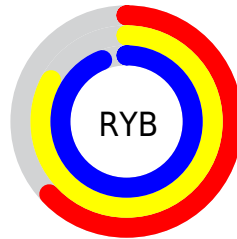
The Yxy color **74.1056, 0.2845, 0.3736** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **47.6942, 0.3546, 0.2887**, and the grayscale version is **65.7876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **39.4542, 0.2773, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **71.3589, 0.2776, 0.3898**, and if you desaturate by 10%, it is **77.3737, 0.2924, 0.3586**.

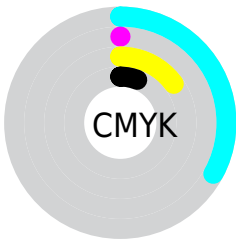
# Distribution



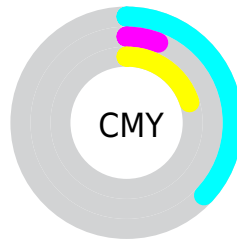
- Red (63%)
- Green (94%)
- Blue (80%)



- Red (63%)
- Yellow (83%)
- Blue (94%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)




- Cyan (37%)
- Magenta (6%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1056, 0.2845, 0.3736 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 74.1056, 0.2845, 0.3736 by changing the saturation by 10% instead.




 74.1056, 0.2845,  
0.3736

 74.1056, 0.2845,  
0.3736


474.8377, 0.2978,  
0.3523

 54.8805, 0.2814,  
0.3786


 125.0455, 0.2892,  
0.3661

 39.3060, 0.2775,  
0.3849


 157.5290, 0.2910,  
0.3632

 26.9979, 0.2725,  
0.3930


195.2009, 0.2925,  
0.3608

 17.5716, 0.2659,  
0.4038

238.4453, 0.2939,  
0.3586

 10.6429, 0.2568,  
0.4189

287.6469, 0.2950,  
0.3568

 5.8272, 0.2433,  
0.4416


343.1899, 0.2961,

 2.7403, 0.2213,


0.3551


0.4792


405.4587, 0.2970,  
0.3537


 0.9977, 0.1033,  
0.6544


 0.0000, 0.0000,  
0.0000


 74.1056, 0.2845,  
0.3736


 74.1056, 0.2845,  
0.3736


 71.3589, 0.2776,  
0.3898


 77.3737, 0.2924,  
0.3586


 69.0962, 0.2719,  
0.4070

 81.1803, 0.3009,  
0.3450

 67.2893, 0.2679,  
0.4250

 85.5527, 0.3097,  
0.3328

 65.9032, 0.2657,  
0.4434

 90.3261, 0.3180,  
0.3219

■ 64.8976, 0.2656,  
0.4616

■ 90.8058, 0.3134,  
0.3146

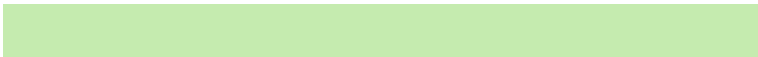
■ 64.2235, 0.2675,  
0.4793

■ 63.9098, 0.2696,  
0.4906

# Harmonies

## Analogous

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



74.1056, 0.3240, 0.3981



74.1056, 0.2845, 0.3736



74.1056, 0.2539, 0.3352

# Triad

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



74.1056, 0.2845, 0.3736



74.1056, 0.2626, 0.2634



74.1056, 0.3927, 0.3517

# Complementary

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



74.1056, 0.2845, 0.3736



47.6942, 0.3546, 0.2887

# 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.



74.1056, 0.3743, 0.3188



74.1056, 0.2845, 0.3736



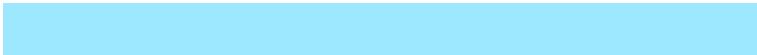
74.1056, 0.2973, 0.2699

# Square

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



74.1056, 0.2845, 0.3736



74.1056, 0.2420, 0.2726



74.1056, 0.3385, 0.2897



74.1056, 0.3877, 0.3816



# Rectangle

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



74.1056, 0.2845, 0.3736



74.1056, 0.2419, 0.3094



74.1056, 0.3385, 0.2897



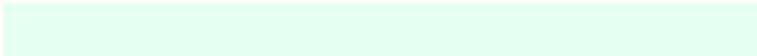
74.1056, 0.3890, 0.3407

# Sweetspot

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



74.1086, 0.2845, 0.3736



94.7436, 0.3038, 0.3408



76.7780, 0.3326, 0.4212



20.1324, 0.3025, 0.3426



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

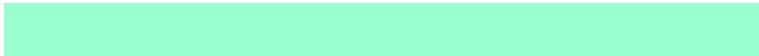


# Same Dimension

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



74.1086, 0.2845, 0.3736



82.8369, 0.2797, 0.3845



74.5303, 0.2649, 0.3258



17.7984, 0.3043, 0.3401



35.0093, 0.2689, 0.4879



2.9325, 0.2625, 0.4651



# Inverse Universe

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



47.6942, 0.3546, 0.2887



48.2216, 0.3666, 0.2803



47.1348, 0.3899, 0.3322



15.8805, 0.3221, 0.3181



10.7961, 0.5116, 0.2592

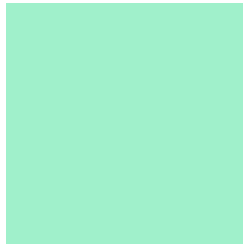


0.9180, 0.4801, 0.2418



# Previews

## White Background



This preview shows how the Yxy color 74.1056, 0.2845, 0.3736 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

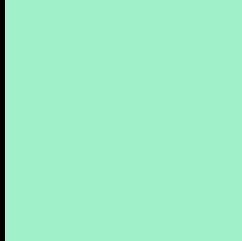
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.1056, 0.2845, 0.3736 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

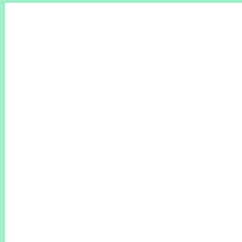
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.1056, 0.2845, 0.3736**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.1056, 0.2845, 0.3736.

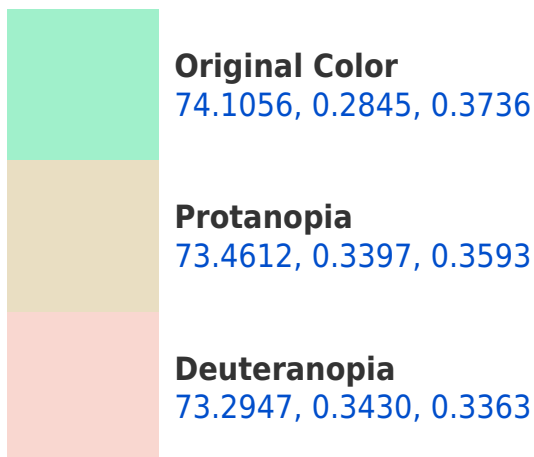


This preview shows how white text looks on a background with the Yxy color 74.1056, 0.2845, 0.3736.

# 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

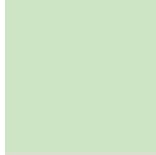
73.9640, 0.2641, 0.3076

# Trichromacy



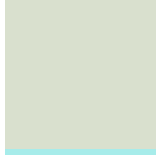
## Original Color

74.1056, 0.2845, 0.3736



## Protanomaly

73.1917, 0.3172, 0.3653



## Deuteranomaly

72.5193, 0.3196, 0.3490



## Tritanomaly

74.1469, 0.2715, 0.3312

# Monochromacy



## Original Color

74.1056, 0.2845, 0.3736



## Achromatopsia

65.8375, 0.3127, 0.3290



## Achromatomaly

68.1835, 0.3009, 0.3441

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.1056, 0.2845, 0.3736 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(160, 240, 203)` looks like.

```
.text, #text, p{  
    color:rgb(160, 240, 203)  
}
```

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(160, 240, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 240, 203) }
```

## Border

The CSS property to change the border of an element to Yxy 74.1056, 0.2845, 0.3736 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(160, 240, 203) }
```

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

```
.border{ border-color:rgb(160, 240, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 240, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 240, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 240, 203);  
box-shadow:4px 4px 4px 4px rgb(160, 240,  
203) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.1056, 0.2845, 0.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 240, 203) }
```

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

```
.background{ background-color: rgb(160,  
240, 203) }
```

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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