

Converting Colors

$Yxy(75.4444, 0.2765, 0.3347)$

Have a look what the booklet for
Yxy(75.4444, 0.2765, 0.3347)
contains.

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Color

Yxy(75.3932, 0.2765, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	AEDE8
RGB	174, 237, 232
RGB Percent	68%, 93%, 91%
CMY	0.3178, 0.0706, 0.0901
CMYK	0.27, 0.00, 0.02, 0.07
HSL	175°, 64%, 81%
HSV	175°, 27%, 93%
XYZ	62.3019, 75.3932, 87.6283
YIQ	217.5930, -35.9430, -14.9110

Conversions

Conversions Part 2

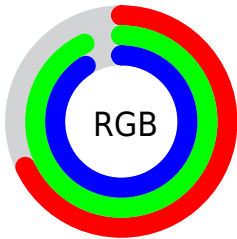
Format	Color
RYB	174, 207, 237
Decimal	11464168
CIELab	89.58, -20.74, -4.00
CIELCh	90, 21.121, 190.929
Yxy	75.3932, 0.2765, 0.3346
Android (android.graphics.Color)	4289654248 (0xFFAEDE8)
YUV	217.5930, 7.1027, -38.2311
Hunter-Lab	86.8293, -23.8735, 0.9449

Details

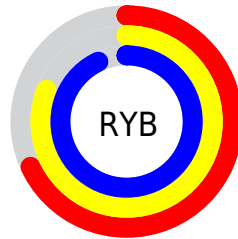
The Yxy color **75.3932, 0.2765, 0.3346** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.5189, 0.3655, 0.3236**, and the grayscale version is **69.7832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **40.1754, 0.2689, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **72.8047, 0.2649, 0.3370**, and if you desaturate by 10%, it is **78.4692, 0.2894, 0.3324**.

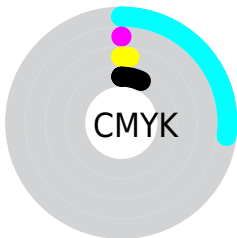
Distribution



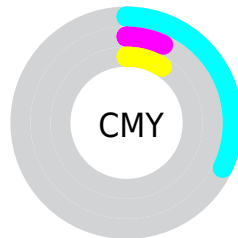
- Red (68%)
- Green (93%)
- Blue (91%)



- Red (68%)
- Yellow (81%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)





- Cyan (32%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3932, 0.2765, 0.3346 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 75.3932, 0.2765, 0.3346 by changing the saturation by 10% instead.


 75.3932, 0.2765,
0.3346

 75.3932, 0.2765,
0.3346


479.2680, 0.2930,
0.3322

 55.9351, 0.2728,
0.3351

 126.8688, 0.2822,
0.3338

 40.1509, 0.2682,
0.3357


159.6551, 0.2844,
0.3335

 27.6562, 0.2625,
0.3364


197.6528, 0.2863,
0.3332

 18.0667, 0.2551,
0.3373

241.2465, 0.2880,
0.3330

 10.9979, 0.2451,
0.3384

290.8204, 0.2895,
0.3327

 6.0654, 0.2310,
0.3397


346.7591, 0.2908,


 2.8849, 0.2097,


0.3325


409.4468, 0.2920,
0.3324

0.3412


 1.0719, 0.1624,
0.3471


 0.0000, 0.0000,
0.0000


 75.3932, 0.2765,
0.3346


 75.3932, 0.2765,
0.3346


 72.8047, 0.2649,
0.3370


 78.4692, 0.2894,
0.3324


 70.6692, 0.2547,
0.3395


 82.0470, 0.3032,
0.3303

 68.9622, 0.2463,
0.3422

 86.1513, 0.3177,
0.3284

 67.6533, 0.2398,
0.3449

 88.0966, 0.3232,
0.3266


 66.7079, 0.2353,
0.3476

 88.2083, 0.3220,
0.3248

 66.0854, 0.2327,
0.3503

 88.3212, 0.3208,
0.3229

 65.7349, 0.2317,
0.3529

 88.4352, 0.3196,
0.3211

 65.6494, 0.2316,
0.3538

 88.5504, 0.3185,
0.3193

 88.6668, 0.3173,
0.3175

Harmonies

Analogous

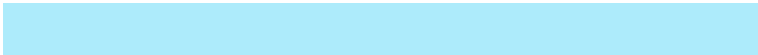
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3932, 0.2967, 0.3571



75.3932, 0.2765, 0.3346



75.3932, 0.2660, 0.3115

Triad

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



75.3932, 0.2765, 0.3346



75.3932, 0.3022, 0.2906



75.3932, 0.3599, 0.3619

Complementary

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



75.3932, 0.2765, 0.3346



51.5189, 0.3655, 0.3236

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.



75.3932, 0.3618, 0.3433



75.3932, 0.2765, 0.3346



75.3932, 0.3278, 0.3032

Square

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



75.3932, 0.2765, 0.3346



75.3932, 0.2803, 0.2873



75.3932, 0.3499, 0.3221



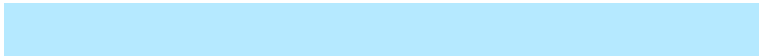
75.3932, 0.3450, 0.3727

Rectangle

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



75.3932, 0.2765, 0.3346



75.3932, 0.2656, 0.2992



75.3932, 0.3499, 0.3221



75.3932, 0.3621, 0.3563

Sweetspot

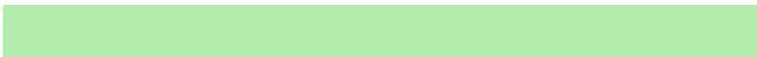
The Sweet Spot groups the original color and five complimentary colors.



75.3963, 0.2765, 0.3346



96.2307, 0.3012, 0.3306



73.2386, 0.3125, 0.4047



20.4552, 0.2991, 0.3309



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.



75.3963, 0.2765, 0.3346



87.2611, 0.2699, 0.3359



61.5706, 0.2709, 0.2980



17.1001, 0.2992, 0.3308



35.8481, 0.2315, 0.3534



2.8211, 0.2305, 0.3497

Inverse Universe

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



51.5189, 0.3655, 0.3236



54.5901, 0.3809, 0.3224



62.4786, 0.3626, 0.3580



15.0734, 0.3280, 0.3272



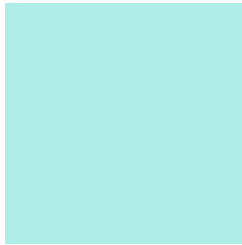
9.8624, 0.6313, 0.3251



0.7812, 0.6097, 0.3132

Previews

White Background



This preview shows how the Yxy color 75.3932, 0.2765, 0.3346 looks on a white background.

Color Contrast Check

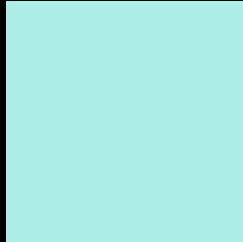
Large Text (above 18pt) WCAG AA × Fail

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 75.3932, 0.2765, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

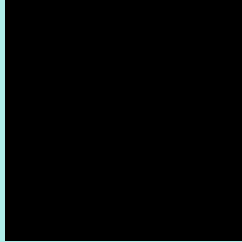
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

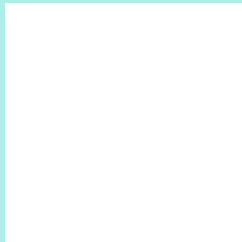
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3932, 0.2765, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 75.3932, 0.2765, 0.3346.

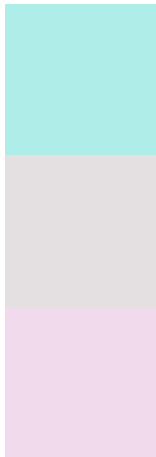


This preview shows how white text looks on a background with the Yxy color 75.3932, 0.2765, 0.3346.

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

75.3932, 0.2765, 0.3346

Protanopia

74.6512, 0.3156, 0.3279

Deuteranopia

74.8997, 0.3172, 0.3106



Tritanopia

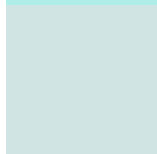
75.4025, 0.2675, 0.3078

Trichromacy



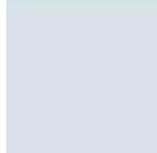
Original Color

75.3932, 0.2765, 0.3346



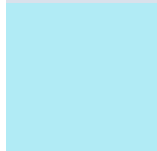
Protanomaly

74.4428, 0.2998, 0.3301



Deuteranomaly

74.6003, 0.3009, 0.3182



Tritanomaly

75.3563, 0.2711, 0.3177

Monochromacy



Original Color

75.3932, 0.2765, 0.3346



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.7347, 0.2983, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3932, 0.2765, 0.3346 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(174, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(174, 237, 232)  
}
```

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(174, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 237, 232) }
```

Border

The CSS property to change the border of an element to Yxy 75.3932, 0.2765, 0.3346 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(174, 237, 232) }
```

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

```
.border{ border-color:rgb(174, 237, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(174, 237,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3932, 0.2765, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 237, 232) }
```

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

```
.background{ background-color: rgb(174,  
237, 232) }
```

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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