

Converting Colors

$Yxy(77.3818, 0.2747, 0.3333)$

Have a look what the booklet for
Yxy(77.3818, 0.2747, 0.3333)
contains.

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Color

Yxy(77.3750, 0.2747, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	AEF0EC
RGB	174, 240, 236
RGB Percent	68%, 94%, 93%
CMY	0.3178, 0.0588, 0.0744
CMYK	0.28, 0.00, 0.02, 0.06
HSL	176°, 69%, 81%
HSV	176°, 28%, 94%
XYZ	63.7520, 77.3750, 90.9516
YIQ	219.8100, -38.0520, -15.2360

Conversions

Conversions Part 2

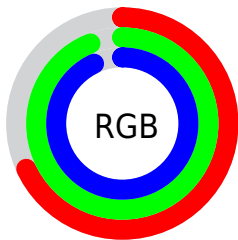
Format	Color
RYB	174, 208, 240
Decimal	11464940
CIELab	90.49, -21.35, -4.75
CIELCh	90, 21.868, 192.534
Yxy	77.3750, 0.2747, 0.3334
Android (android.graphics.Color)	4289655020 (0xFFAEF0EC)
YUV	219.8100, 7.9817, -40.1754
Hunter-Lab	87.9631, -24.5659, 0.2698

Details

The Yxy color **77.3750, 0.2747, 0.3334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.9959, 0.3691, 0.3248**, and the grayscale version is **71.3913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **41.4982, 0.2662, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **74.7804, 0.2630, 0.3352**, and if you desaturate by 10%, it is **80.4690, 0.2877, 0.3317**.

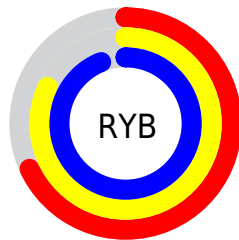
Distribution



Red (68%)

Green (94%)

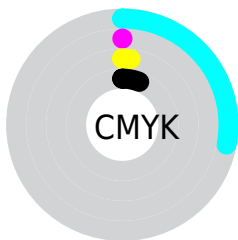
Blue (93%)



Red (68%)

Yellow (82%)

Blue (94%)

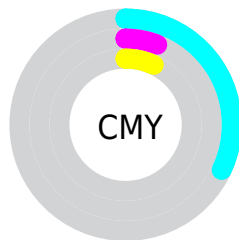


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (6%)



Cyan (32%)


Magenta (6%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3750, 0.2747, 0.3334 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 77.3750, 0.2747, 0.3334 by changing the saturation by 10% instead.


 77.3750, 0.2747,
0.3334

 77.3750, 0.2747,
0.3334


486.0416, 0.2919,
0.3316

 57.5607, 0.2708,
0.3338


 129.6687, 0.2806,
0.3328

 41.4556, 0.2661,
0.3342


162.9169, 0.2829,
0.3326

 28.6752, 0.2602,
0.3346


201.4118, 0.2849,
0.3324

 18.8353, 0.2526,
0.3352

245.5379, 0.2867,
0.3322

 11.5513, 0.2424,
0.3358

295.6796, 0.2882,
0.3320

 6.4389, 0.2281,
0.3365

352.2211, 0.2896,

 3.1138, 0.2068,

0.3319

415.5470, 0.2908,
0.3317

0.3369

1.1914, 0.1657,
0.3385

0.0547, 0.0000,
0.1226

77.3750, 0.2747,
0.3334

77.3750, 0.2747,
0.3334

74.7804, 0.2630,
0.3352

80.4690, 0.2877,
0.3317

72.6495, 0.2529,
0.3372


84.0773, 0.3017,
0.3301

70.9569, 0.2445,
0.3391


88.2257, 0.3164,
0.3287


69.6707, 0.2381,
0.3412

89.9860, 0.3215,
0.3273


 68.7548, 0.2336,
0.3432


 90.0733, 0.3206,
0.3259


 68.1667, 0.2310,
0.3452

 90.1612, 0.3197,
0.3245

 67.8501, 0.2300,
0.3472

 90.2498, 0.3188,
0.3231

 67.7920, 0.2299,
0.3477

 90.3391, 0.3179,
0.3217

 90.4291, 0.3170,
0.3203

Harmonies

Analogous

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



77.3750, 0.2949, 0.3568



77.3750, 0.2747, 0.3334



77.3750, 0.2646, 0.3098

Triad

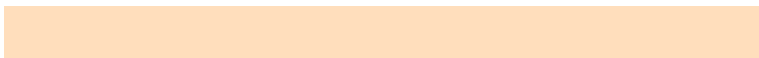
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3750, 0.2747, 0.3334



77.3750, 0.3033, 0.2901



77.3750, 0.3606, 0.3636

Complementary

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



77.3750, 0.2747, 0.3334



51.9959, 0.3691, 0.3248

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.



77.3750, 0.3634, 0.3448



77.3750, 0.2747, 0.3334



77.3750, 0.3295, 0.3034

Square

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



77.3750, 0.2747, 0.3334



77.3750, 0.2805, 0.2861



77.3750, 0.3519, 0.3230



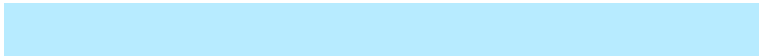
77.3750, 0.3447, 0.3741

Rectangle

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



77.3750, 0.2747, 0.3334



77.3750, 0.2646, 0.2975



77.3750, 0.3519, 0.3230



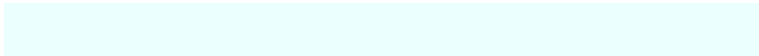
77.3750, 0.3632, 0.3580

Sweetspot

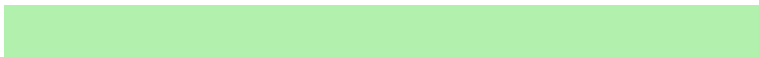
The Sweet Spot groups the original color and five complimentary colors.



77.3781, 0.2747, 0.3334



96.2552, 0.3010, 0.3302



74.8888, 0.3118, 0.4079



20.4614, 0.2988, 0.3304



0.0000, 0.0000, 0.0000



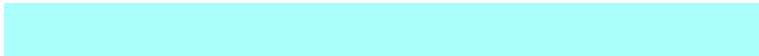
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3781, 0.2747, 0.3334



87.0586, 0.2680, 0.3344



62.0679, 0.2693, 0.2954



17.9115, 0.2989, 0.3304



37.1140, 0.2298, 0.3474



3.0925, 0.2291, 0.3447

Inverse Universe

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



51.9959, 0.3691, 0.3248



53.4608, 0.3853, 0.3239



64.0962, 0.3644, 0.3603



15.7743, 0.3284, 0.3276



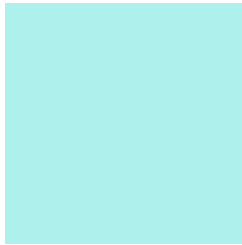
10.1653, 0.6337, 0.3265



0.8511, 0.6175, 0.3175

Previews

White Background



This preview shows how the Yxy color 77.3750, 0.2747, 0.3334 looks on a white background.

Color Contrast Check

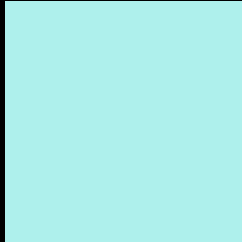
Large Text (above 18pt) WCAG AA × Fail

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 77.3750, 0.2747, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

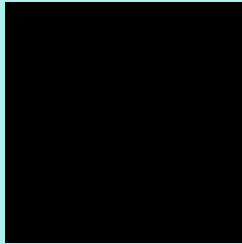
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3750, 0.2747, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 77.3750, 0.2747, 0.3334.

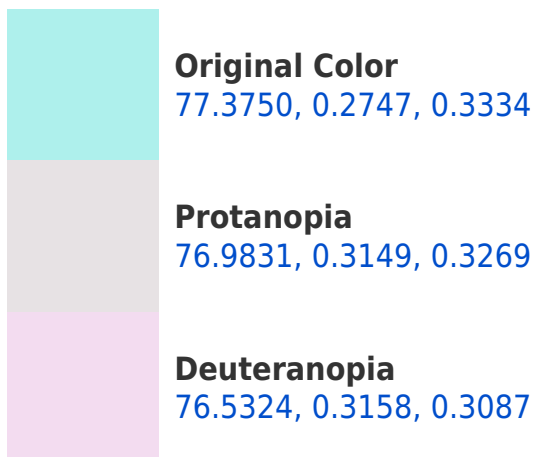


This preview shows how white text looks on a background with the Yxy color 77.3750, 0.2747, 0.3334.

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

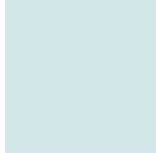
77.4917, 0.2679, 0.3091

Trichromacy



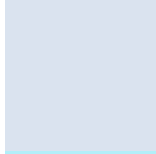
Original Color

77.3750, 0.2747, 0.3334



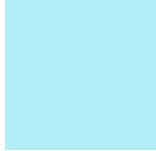
Protanomaly

76.6230, 0.2987, 0.3290



Deuteranomaly

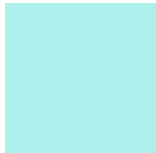
76.0756, 0.2991, 0.3162



Tritanomaly

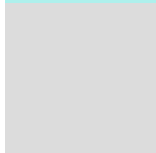
77.3914, 0.2705, 0.3178

Monochromacy



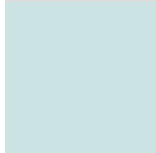
Original Color

77.3750, 0.2747, 0.3334



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.1257, 0.2971, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3750, 0.2747, 0.3334 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, 240, 236)` looks like.

```
.text, #text, p{  
    color:rgb(174, 240, 236)  
}
```

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, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 240, 236) }
```

Border

The CSS property to change the border of an element to Yxy 77.3750, 0.2747, 0.3334 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, 240, 236) }
```

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

```
.border{ border-color:rgb(174, 240, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 240, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(174, 240,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3750, 0.2747, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 240, 236) }
```

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

```
.background{ background-color: rgb(174,  
240, 236) }
```

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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