

Converting Colors

$Yxy(75.1281, 0.2779, 0.3433)$

Have a look what the booklet for
Yxy(75.1281, 0.2779, 0.3433)
contains.

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Color

Yxy(75.1861, 0.2776, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	AAEEE2
RGB	170, 238, 226
RGB Percent	67%, 93%, 89%
CMY	0.3332, 0.0667, 0.1137
CMYK	0.29, 0.00, 0.05, 0.07
HSL	169°, 67%, 80%
HSV	169°, 29%, 93%
XYZ	60.8858, 75.1861, 83.2574
YIQ	216.3000, -36.6760, -18.1480

Conversions

Conversions Part 2

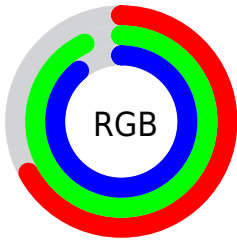
Format	Color
RYB	170, 207, 238
Decimal	11202274
CIELab	89.48, -23.64, -1.03
CIELCh	89, 23.659, 182.484
Yxy	75.1861, 0.2776, 0.3428
Android (android.graphics.Color)	4289392354 (0xFFAAEEEE2)
YUV	216.3000, 4.7821, -40.6051
Hunter-Lab	86.7099, -26.4035, 3.7677

Details

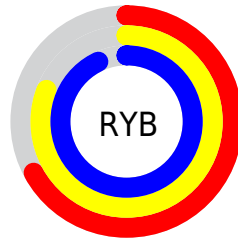
The Yxy color **75.1861, 0.2776, 0.3428** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.3195, 0.3646, 0.3158**, and the grayscale version is **68.8770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **40.1092, 0.2696, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **72.5439, 0.2672, 0.3484**, and if you desaturate by 10%, it is **78.3202, 0.2892, 0.3376**.

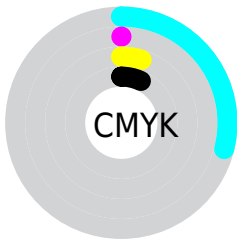
Distribution



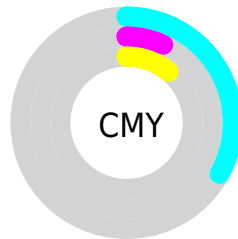
- Red (67%)
- Green (93%)
- Blue (89%)



- Red (67%)
- Yellow (81%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1861, 0.2776, 0.3428 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 75.1861, 0.2776, 0.3428 by changing the saturation by 10% instead.


 75.1861, 0.2776,
0.3428

 75.1861, 0.2776,
0.3428


478.5570, 0.2937,
0.3365

 55.7654, 0.2740,
0.3442

 126.5758, 0.2832,
0.3406

 40.0148, 0.2695,
0.3459


159.3135, 0.2853,
0.3398

 27.5501, 0.2639,
0.3481


197.2590, 0.2872,
0.3391

 17.9868, 0.2565,
0.3509

240.7966, 0.2888,
0.3384

 10.9405, 0.2467,
0.3546

290.3109, 0.2903,
0.3379

 6.0268, 0.2327,
0.3599

346.1861, 0.2915,

 2.8614, 0.2113,

0.3374

408.8067, 0.2927,
0.3369

0.3678

1.0598, 0.1548,
0.3901

0.0000, 0.0000,
0.0000

75.1861, 0.2776,
0.3428

75.1861, 0.2776,
0.3428

72.5439, 0.2672,
0.3484

78.3202, 0.2892,
0.3376

70.3585, 0.2582,
0.3543


81.9610, 0.3016,
0.3328


68.6046, 0.2509,
0.3605


86.1341, 0.3146,
0.3284


67.2506, 0.2455,
0.3669


88.8667, 0.3210,
0.3243

 66.2604, 0.2420,
0.3733


 89.1231, 0.3184,
0.3203

 65.5917, 0.2405,
0.3797

 89.3853, 0.3158,
0.3163

 65.1829, 0.2407,
0.3860

 89.6274, 0.3135,
0.3127

 65.1330, 0.2408,
0.3869

Harmonies

Analogous

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



75.1861, 0.3023, 0.3664



75.1861, 0.2776, 0.3428



75.1861, 0.2625, 0.3160

Triad

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



75.1861, 0.2776, 0.3428



75.1861, 0.2933, 0.2841



75.1861, 0.3679, 0.3604

Complementary

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



75.1861, 0.2776, 0.3428



50.3195, 0.3646, 0.3158

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.



75.1861, 0.3656, 0.3381



75.1861, 0.2776, 0.3428



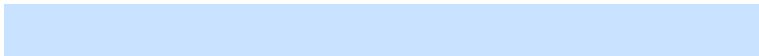
75.1861, 0.3214, 0.2954

Square

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



75.1861, 0.2776, 0.3428



75.1861, 0.2712, 0.2835



75.1861, 0.3483, 0.3148



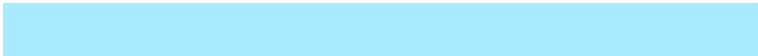
75.1861, 0.3548, 0.3758

Rectangle

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



75.1861, 0.2776, 0.3428



75.1861, 0.2595, 0.3008



75.1861, 0.3483, 0.3148



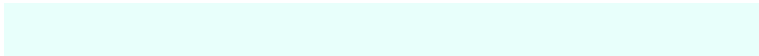
75.1861, 0.3689, 0.3535

Sweetspot

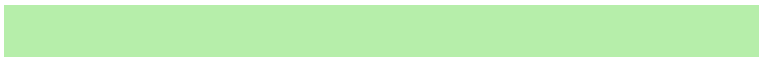
The Sweet Spot groups the original color and five complimentary colors.



75.1892, 0.2776, 0.3428



95.6461, 0.3010, 0.3330



74.0571, 0.3169, 0.4100



20.3318, 0.2992, 0.3337



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.



75.1892, 0.2776, 0.3428



86.1513, 0.2716, 0.3459



64.0799, 0.2686, 0.3036



17.8783, 0.3004, 0.3332



36.3560, 0.2405, 0.3859



3.0369, 0.2382, 0.3775

Inverse Universe

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



50.3195, 0.3646, 0.3158



52.8201, 0.3789, 0.3131



58.5865, 0.3691, 0.3530



15.8044, 0.3265, 0.3249



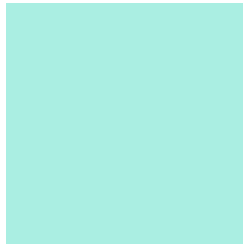
10.2475, 0.6133, 0.3152



0.8653, 0.5794, 0.2965

Previews

White Background



This preview shows how the Yxy color 75.1861, 0.2776, 0.3428 looks on a white background.

Color Contrast Check

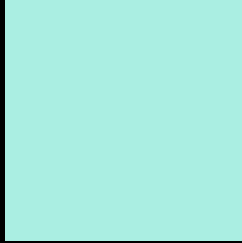
Large Text (above 18pt) WCAG AA × Fail

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 75.1861, 0.2776, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

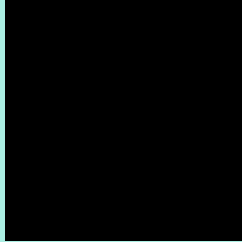
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

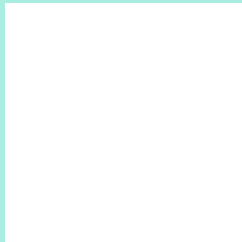
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1861, 0.2776, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 75.1861, 0.2776, 0.3428.

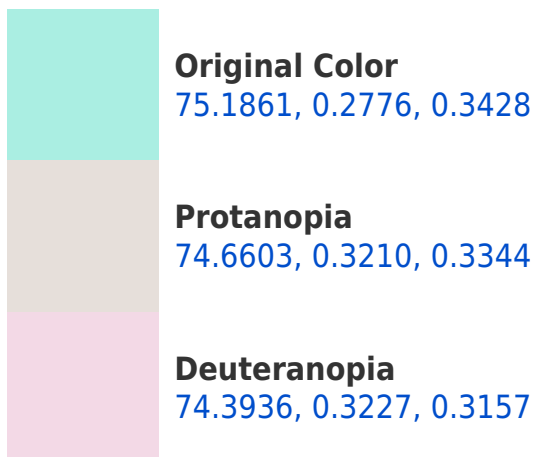


This preview shows how white text looks on a background with the Yxy color 75.1861, 0.2776, 0.3428.

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

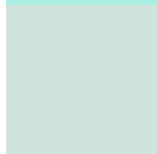
75.1676, 0.2664, 0.3078

Trichromacy



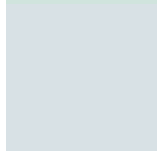
Original Color

75.1861, 0.2776, 0.3428



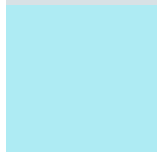
Protanomaly

74.1172, 0.3035, 0.3367



Deuteranomaly

74.1065, 0.3040, 0.3246



Tritanomaly

74.8864, 0.2705, 0.3198

Monochromacy



Original Color

75.1861, 0.2776, 0.3428



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.6207, 0.2981, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1861, 0.2776, 0.3428 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(170, 238, 226)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 226)  
}
```

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(170, 238, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.1861, 0.2776, 0.3428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

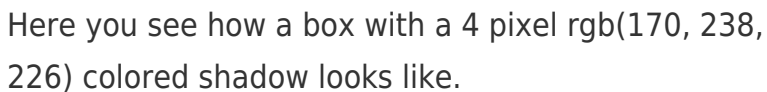
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 238, 226) }
```

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

```
.border{ border-color:rgb(170, 238, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 238, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 238, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 238, 226); box-shadow:4px 4px 4px 4px rgb(170, 238, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1861, 0.2776, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 226) }
```

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

```
.background{ background-color: rgb(170,  
238, 226) }
```

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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