

Converting Colors

$Yxy(77.4327, 0.2785, 0.3566)$

Have a look what the booklet for
Yxy(77.4327, 0.2785, 0.3566)
contains.

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Color

Yxy(77.2678, 0.2785, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	A5F3DC
RGB	165, 243, 220
RGB Percent	65%, 95%, 86%
CMY	0.3530, 0.0470, 0.1374
CMYK	0.32, 0.00, 0.09, 0.05
HSL	162°, 76%, 80%
HSV	162°, 32%, 95%
XYZ	60.4808, 77.2678, 79.4177
YIQ	217.0560, -39.1050, -23.6890

Conversions

Conversions Part 2

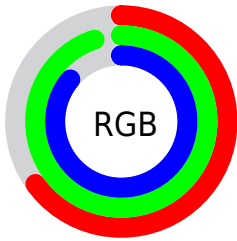
Format	Color
RYB	165, 211, 243
Decimal	10875868
CIELab	90.44, -28.75, 3.49
CIELCh	90, 28.964, 173.072
Yxy	77.2678, 0.2785, 0.3558
Android (android.graphics.Color)	4289065948 (0xFFA5F3DC)
YUV	217.0560, 1.4514, -45.6531
Hunter-Lab	87.9021, -31.0122, 7.9642

Details

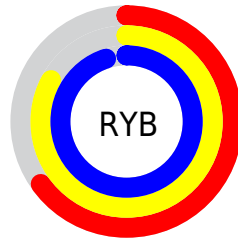
The Yxy color **77.2678, 0.2785, 0.3558** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.5944, 0.3648, 0.3040**, and the grayscale version is **69.4372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **41.5723, 0.2706, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **74.5362, 0.2697, 0.3657**, and if you desaturate by 10%, it is **80.5171, 0.2884, 0.3466**.

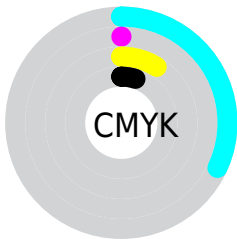
Distribution



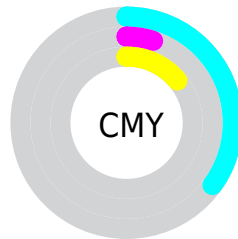
- Red (65%)
- Green (95%)
- Blue (86%)



- Red (65%)
- Yellow (83%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)




- Cyan (35%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2678, 0.2785, 0.3558 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 77.2678, 0.2785, 0.3558 by changing the saturation by 10% instead.


 77.2678, 0.2785,
0.3558


 77.2678, 0.2785,
0.3558


485.6766, 0.2942,
0.3434

 57.4727, 0.2749,
0.3587


 129.5174, 0.2839,
0.3515

 41.3849, 0.2705,
0.3622


 162.7408, 0.2861,
0.3498

 28.6199, 0.2650,
0.3667


201.2089, 0.2879,
0.3484

 18.7935, 0.2578,
0.3725

245.3064, 0.2895,
0.3471

 11.5212, 0.2481,
0.3806

295.4175, 0.2909,
0.3460

 6.4185, 0.2342,
0.3923

351.9266, 0.2921,

 3.1012, 0.2128,

0.3450

0.4106

415.2182, 0.2932,
0.3441

■ 1.1848, 0.1529,
0.4561

■ 0.0492, 0.0000,
1.0000

■ 77.2678, 0.2785,
0.3558

■ 77.2678, 0.2785,
0.3558

■ 74.5362, 0.2697,
0.3657

■ 80.5171, 0.2884,
0.3466

■ 72.2845, 0.2623,
0.3762

■ 84.3006, 0.2991,
0.3382

■ 70.4847, 0.2566,
0.3872

■ 88.6459, 0.3103,
0.3305

■ 69.1019, 0.2529,
0.3984

■ 92.1860, 0.3171,
0.3236

■ 68.0959, 0.2511,
0.4098

■ 92.5869, 0.3133,
0.3175

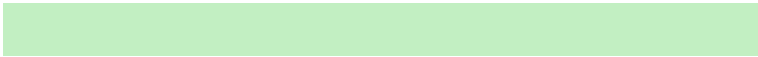
■ 67.4186, 0.2514,
0.4210

■ 67.0572, 0.2527,
0.4298

Harmonies

Analogous

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



77.2678, 0.3104, 0.3815



77.2678, 0.2785, 0.3558



77.2678, 0.2564, 0.3228

Triad

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



77.2678, 0.2785, 0.3558



77.2678, 0.2796, 0.2734



77.2678, 0.3810, 0.3585

Complementary

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



77.2678, 0.2785, 0.3558



49.5944, 0.3648, 0.3040

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.



77.2678, 0.3722, 0.3306



77.2678, 0.2785, 0.3558



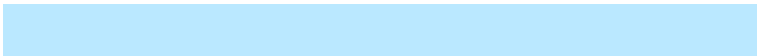
77.2678, 0.3121, 0.2832

Square

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



77.2678, 0.2785, 0.3558



77.2678, 0.2570, 0.2767



77.2678, 0.3464, 0.3037



77.2678, 0.3704, 0.3809

Rectangle

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



77.2678, 0.2785, 0.3558



77.2678, 0.2496, 0.3026



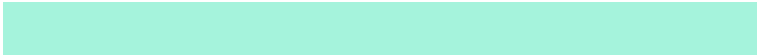
77.2678, 0.3464, 0.3037



77.2678, 0.3803, 0.3495

Sweetspot

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



77.2709, 0.2785, 0.3558



95.0049, 0.3014, 0.3365



77.5647, 0.3232, 0.4200



20.1957, 0.2998, 0.3376



0.0000, 0.0000, 0.0000



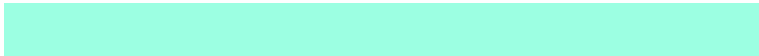
21.4041, 0.3127, 0.3290

Same Dimension

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



77.2709, 0.2785, 0.3558



84.0143, 0.2722, 0.3627



69.6299, 0.2646, 0.3108



18.6696, 0.3020, 0.3361



36.8249, 0.2522, 0.4280



3.2545, 0.2483, 0.4140

Inverse Universe

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



49.5944, 0.3648, 0.3040



48.3852, 0.3812, 0.2985



54.6549, 0.3814, 0.3463



16.5630, 0.3247, 0.3220



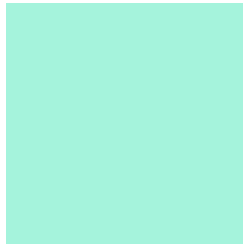
10.7333, 0.5781, 0.2958



0.9606, 0.5427, 0.2763

Previews

White Background



This preview shows how the Yxy color 77.2678, 0.2785, 0.3558 looks on a white background.

Color Contrast Check

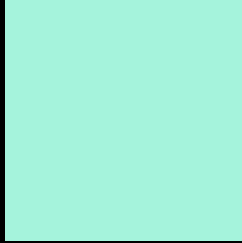
Large Text (above 18pt) WCAG AA × Fail

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 77.2678, 0.2785, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

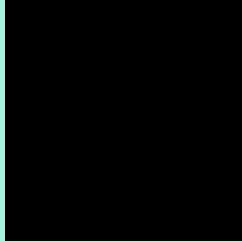
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

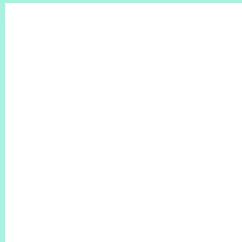
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.2678, 0.2785, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 77.2678, 0.2785, 0.3558.

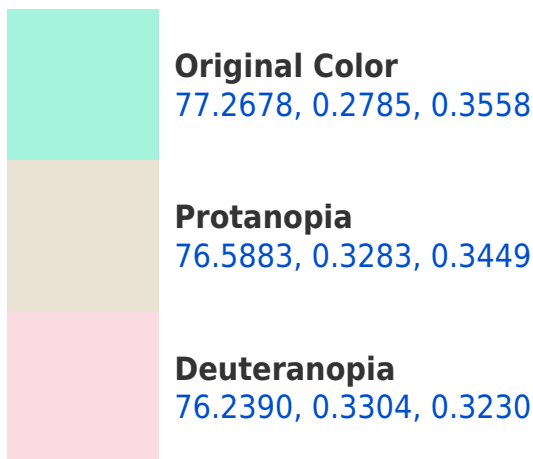


This preview shows how white text looks on a background with the Yxy color 77.2678, 0.2785, 0.3558.

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

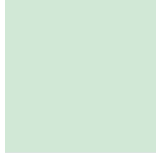
77.1355, 0.2663, 0.3090

Trichromacy



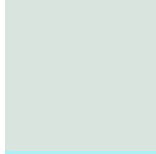
Original Color

77.2678, 0.2785, 0.3558



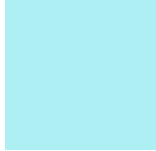
Protanomaly

76.1236, 0.3084, 0.3489



Deuteranomaly

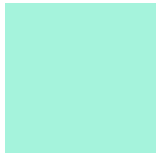
75.7199, 0.3090, 0.3344



Tritanomaly

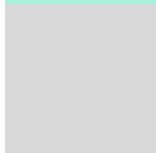
77.0280, 0.2710, 0.3255

Monochromacy



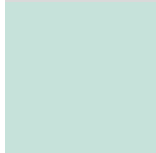
Original Color

77.2678, 0.2785, 0.3558



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.4604, 0.2987, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2678, 0.2785, 0.3558 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(165, 243, 220)` looks like.

```
.text, #text, p{  
    color:rgb(165, 243, 220)  
}
```

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(165, 243, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 243, 220) }
```

Border

The CSS property to change the border of an element to Yxy 77.2678, 0.2785, 0.3558 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(165, 243, 220) }
```

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

```
.border{ border-color:rgb(165, 243, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 243, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 243, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 243, 220);  
box-shadow:4px 4px 4px 4px rgb(165, 243,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2678, 0.2785, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 243, 220) }
```

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

```
.background{ background-color: rgb(165,  
243, 220) }
```

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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