

Converting Colors

$Yxy(75.8626, 0.2772, 0.3464)$

Have a look what the booklet for
Yxy(75.8626, 0.2772, 0.3464)
contains.

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Color

Yxy(76.0813, 0.2772, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	A8F0E1
RGB	168, 240, 225
RGB Percent	66%, 94%, 88%
CMY	0.3412, 0.0588, 0.1176
CMYK	0.30, 0.00, 0.06, 0.06
HSL	168°, 71%, 80%
HSV	168°, 30%, 94%
XYZ	60.9002, 76.0813, 82.7162
YIQ	216.7620, -38.0970, -19.9290

Conversions

Conversions Part 2

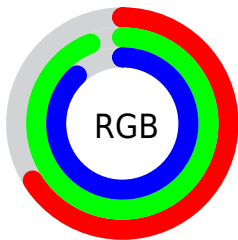
Format	Color
R _Y B	168, 208, 240
Decimal	11071713
CIE Lab	89.90, -25.40, 0.09
CIE LCh	90, 25.401, 179.795
Yxy	76.0813, 0.2772, 0.3463
Android (android.graphics.Color)	4289261793 (0xFFA8F0E1)
YUV	216.7620, 4.0613, -42.7643
Hunter-Lab	87.2246, -28.0144, 4.8318

Details

The Yxy color **76.0813, 0.2772, 0.3463** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.9509, 0.3660, 0.3126**, and the grayscale version is **69.2102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **40.6940, 0.2687, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **73.4199, 0.2673, 0.3530**, and if you desaturate by 10%, it is **79.2429, 0.2883, 0.3400**.

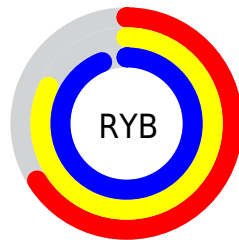
Distribution



Red (66%)

Green (94%)

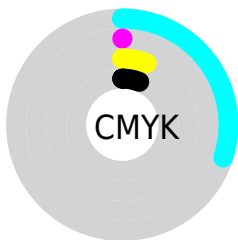
Blue (88%)



Red (66%)

Yellow (82%)

Blue (94%)

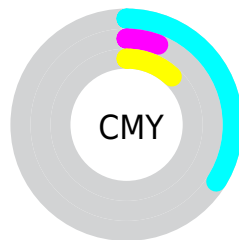


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (34%)


Magenta (6%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0813, 0.2772, 0.3463 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 76.0813, 0.2772, 0.3463 by changing the saturation by 10% instead.


 76.0813, 0.2772,
0.3463


 76.0813, 0.2772,
0.3463


481.6260, 0.2935,
0.3384

 56.4992, 0.2735,
0.3481


 127.8418, 0.2828,
0.3436

 40.6033, 0.2690,
0.3503


 160.7890, 0.2850,
0.3425

 28.0092, 0.2633,
0.3531


198.9600, 0.2869,
0.3416

 18.3326, 0.2559,
0.3567

242.7392, 0.2885,
0.3408

 11.1891, 0.2460,
0.3615

292.5110, 0.2900,
0.3401

 6.1941, 0.2319,
0.3684

348.6598, 0.2913,

 2.9635, 0.2103,

0.3394

0.3789

411.5700, 0.2924,
0.3389

■ 1.1127, 0.1539,
0.4064

■ 0.0000, 0.0000,
0.0000

■ 76.0813, 0.2772,
0.3463

■ 76.0813, 0.2772,
0.3463

■ 73.4199, 0.2673,
0.3530

■ 79.2429, 0.2883,
0.3400

■ 71.2227, 0.2588,
0.3602


■ 82.9204, 0.3002,
0.3342

■ 69.4633, 0.2520,
0.3676

■ 87.1399, 0.3127,
0.3290

■ 68.1089, 0.2471,
0.3752


■ 90.1751, 0.3195,
0.3242


 67.1220, 0.2442,
0.3829


 90.4845, 0.3164,
0.3194

 66.4579, 0.2433,
0.3906

 90.8022, 0.3134,
0.3146

 66.0413, 0.2440,
0.3982

 90.8024, 0.3134,
0.3146

 66.0413, 0.2440,
0.3982

Harmonies

Analogous

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



76.0813, 0.3041, 0.3710



76.0813, 0.2772, 0.3463



76.0813, 0.2601, 0.3175

Triad

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



76.0813, 0.2772, 0.3463



76.0813, 0.2894, 0.2806



76.0813, 0.3722, 0.3605

Complementary

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



76.0813, 0.2772, 0.3463



49.9509, 0.3660, 0.3126

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.



76.0813, 0.3683, 0.3363



76.0813, 0.2772, 0.3463



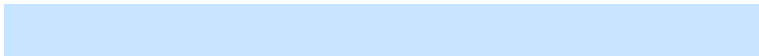
76.0813, 0.3192, 0.2917

Square

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



76.0813, 0.2772, 0.3463



76.0813, 0.2669, 0.2810



76.0813, 0.3485, 0.3117



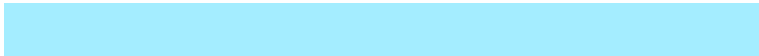
76.0813, 0.3595, 0.3780

Rectangle

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



76.0813, 0.2772, 0.3463



76.0813, 0.2561, 0.3007



76.0813, 0.3485, 0.3117



76.0813, 0.3728, 0.3529

Sweetspot

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



76.0844, 0.2772, 0.3463



95.6002, 0.3014, 0.3337



75.2911, 0.3186, 0.4143



20.3205, 0.2996, 0.3345



0.0000, 0.0000, 0.0000



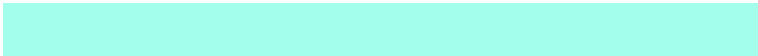
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0844, 0.2772, 0.3463



85.3771, 0.2710, 0.3504



65.5952, 0.2668, 0.3050



17.8693, 0.3009, 0.3340



36.1708, 0.2436, 0.3970



3.0231, 0.2408, 0.3869

Inverse Universe

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



49.9509, 0.3660, 0.3126



50.9159, 0.3816, 0.3091



57.4921, 0.3736, 0.3517



15.8127, 0.3260, 0.3241



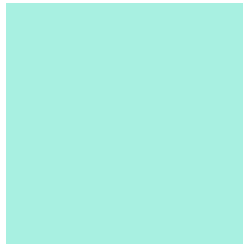
10.2825, 0.6052, 0.3107



0.8694, 0.5696, 0.2911

Previews

White Background



This preview shows how the Yxy color 76.0813, 0.2772, 0.3463 looks on a white background.

Color Contrast Check

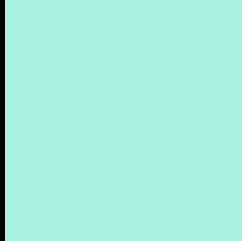
Large Text (above 18pt) WCAG AA × Fail

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 76.0813, 0.2772, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

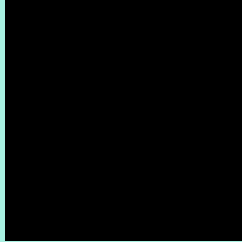
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

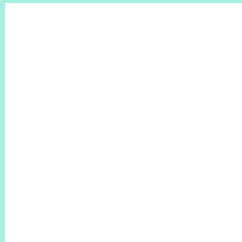
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0813, 0.2772, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 76.0813, 0.2772, 0.3463.

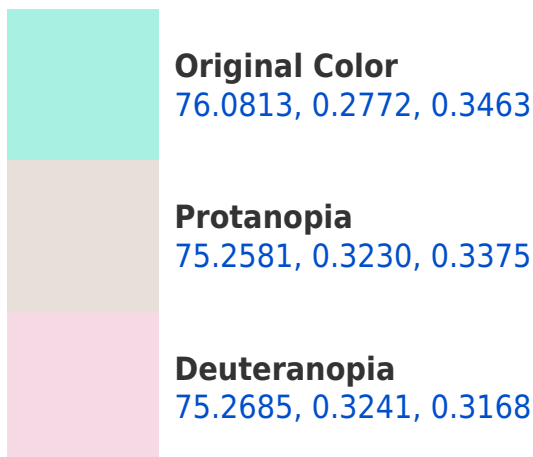


This preview shows how white text looks on a background with the Yxy color 76.0813, 0.2772, 0.3463.

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

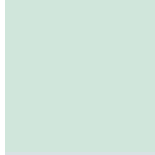
76.3249, 0.2651, 0.3079

Trichromacy



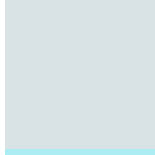
Original Color

76.0813, 0.2772, 0.3463



Protanomaly

75.1180, 0.3047, 0.3411



Deuteranomaly

74.7459, 0.3053, 0.3268



Tritanomaly

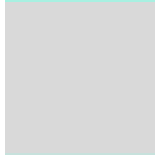
75.8707, 0.2692, 0.3210

Monochromacy



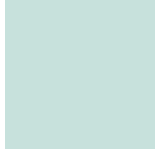
Original Color

76.0813, 0.2772, 0.3463



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.1598, 0.2981, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0813, 0.2772, 0.3463 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(168, 240, 225)` looks like.

```
.text, #text, p{  
    color:rgb(168, 240, 225)  
}
```

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(168, 240, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 225) }
```

Border

The CSS property to change the border of an element to Yxy 76.0813, 0.2772, 0.3463 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(168, 240, 225) }
```

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

```
.border{ border-color:rgb(168, 240, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 240, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 240, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 240, 225);  
box-shadow:4px 4px 4px 4px rgb(168, 240,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0813, 0.2772, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 240, 225) }
```

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

```
.background{ background-color: rgb(168,  
240, 225) }
```

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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