

Converting Colors

$Y_{xy}(75.3006, 0.2772, 0.3577)$

Have a look what the booklet for
Yxy(75.3006, 0.2772, 0.3577)
contains.

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Color

Yxy(75.3939, 0.2772, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	A0F1D9
RGB	160, 241, 217
RGB Percent	63%, 95%, 85%
CMY	0.3722, 0.0550, 0.1490
CMYK	0.34, 0.00, 0.10, 0.05
HSL	162°, 74%, 79%
HSV	162°, 34%, 95%
XYZ	58.4920, 75.3939, 77.1242
YIQ	214.0450, -40.5720, -24.6360

Conversions

Conversions Part 2

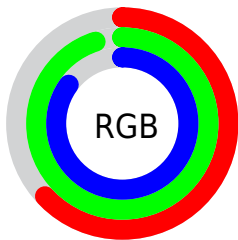
Format	Color
R _Y B	160, 208, 241
Decimal	10547673
CIE Lab	89.58, -29.78, 3.75
CIE LCh	90, 30.015, 172.827
Yxy	75.3939, 0.2772, 0.3573
Android (android.graphics.Color)	4288737753 (0xFFA0F1D9)
YUV	214.0450, 1.4568, -47.3975
Hunter-Lab	86.8297, -31.7070, 8.1180

Details

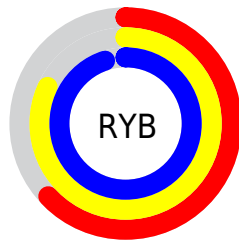
The Yxy color **75.3939, 0.2772, 0.3573** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.3368, 0.3679, 0.3028**, and the grayscale version is **67.3029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **40.3098, 0.2690, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **72.7838, 0.2686, 0.3673**, and if you desaturate by 10%, it is **78.5077, 0.2869, 0.3480**.

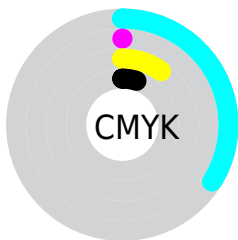
Distribution



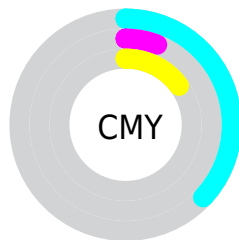
- Red (63%)
- Green (95%)
- Blue (85%)



- Red (63%)
- Yellow (82%)
- Blue (95%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)





- Cyan (37%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3939, 0.2772, 0.3573 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 75.3939, 0.2772, 0.3573 by changing the saturation by 10% instead.


 75.3939, 0.2772,
0.3573

 75.3939, 0.2772,
0.3573

479.2704, 0.2936,
0.3441

 55.9356, 0.2735,
0.3603

 126.8698, 0.2829,
0.3527

 40.1513, 0.2689,
0.3641


 159.6562, 0.2851,
0.3509

 27.6566, 0.2630,
0.3689


197.6542, 0.2870,
0.3494

 18.0669, 0.2554,
0.3753

241.2480, 0.2887,
0.3480

 10.9980, 0.2451,
0.3840

290.8221, 0.2901,
0.3469

 6.0655, 0.2303,
0.3967

346.7610, 0.2914,

 2.8850, 0.2073,

0.3458

0.4169

409.4489, 0.2926,
0.3449

■ 1.0720, 0.1251,
0.4775

■ 0.0000, 0.0000,
0.0000

■ 75.3939, 0.2772,
0.3573

■ 75.3939, 0.2772,
0.3573

■ 72.7838, 0.2686,
0.3673

■ 78.5077, 0.2869,
0.3480

■ 70.6401, 0.2615,
0.3780


■ 82.1418, 0.2975,
0.3394

■ 68.9348, 0.2561,
0.3890


■ 86.3234, 0.3087,
0.3316


■ 67.6332, 0.2526,
0.4003


■ 90.7912, 0.3191,
0.3246

 66.6950, 0.2511,
0.4117

 91.2372, 0.3147,
0.3177

 66.0713, 0.2517,
0.4230

 91.3830, 0.3133,
0.3156

 65.7891, 0.2528,
0.4302

Harmonies

Analogous

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



75.3939, 0.3105, 0.3842



75.3939, 0.2772, 0.3573



75.3939, 0.2541, 0.3227

Triad

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



75.3939, 0.2772, 0.3573



75.3939, 0.2779, 0.2710



75.3939, 0.3841, 0.3594

Complementary

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



75.3939, 0.2772, 0.3573



47.3368, 0.3679, 0.3028

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.



75.3939, 0.3747, 0.3303



75.3939, 0.2772, 0.3573



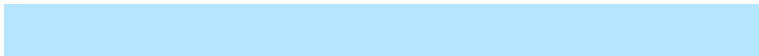
75.3939, 0.3117, 0.2812

Square

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



75.3939, 0.2772, 0.3573



75.3939, 0.2545, 0.2745



75.3939, 0.3476, 0.3024



75.3939, 0.3731, 0.3830

Rectangle

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



75.3939, 0.2772, 0.3573



75.3939, 0.2470, 0.3015



75.3939, 0.3476, 0.3024



75.3939, 0.3833, 0.3500

Sweetspot

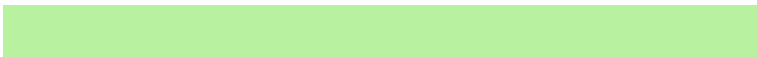
The Sweet Spot groups the original color and five complimentary colors.



75.3970, 0.2772, 0.3573



95.0032, 0.3014, 0.3365



75.6796, 0.3235, 0.4247



20.1953, 0.2999, 0.3377



0.0000, 0.0000, 0.0000



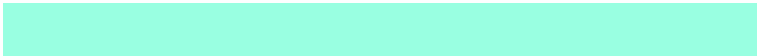
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3970, 0.2772, 0.3573



83.7161, 0.2714, 0.3638



67.5807, 0.2626, 0.3099



17.8445, 0.3020, 0.3361



35.7051, 0.2523, 0.4283



2.9877, 0.2482, 0.4136

Inverse Universe

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



47.3368, 0.3679, 0.3028



47.4709, 0.3836, 0.2976



52.3981, 0.3856, 0.3471



15.8359, 0.3247, 0.3220



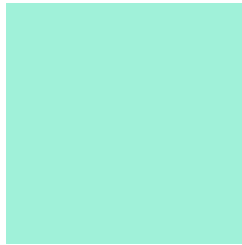
10.4112, 0.5774, 0.2955



0.8829, 0.5401, 0.2749

Previews

White Background



This preview shows how the Yxy color 75.3939, 0.2772, 0.3573 looks on a white background.

Color Contrast Check

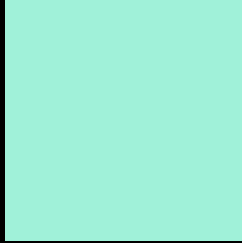
Large Text (above 18pt) WCAG AA × Fail

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 75.3939, 0.2772, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

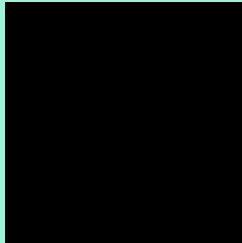
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

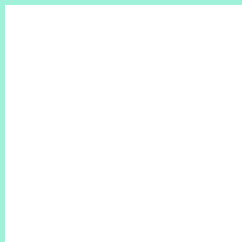
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3939, 0.2772, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 75.3939, 0.2772, 0.3573.

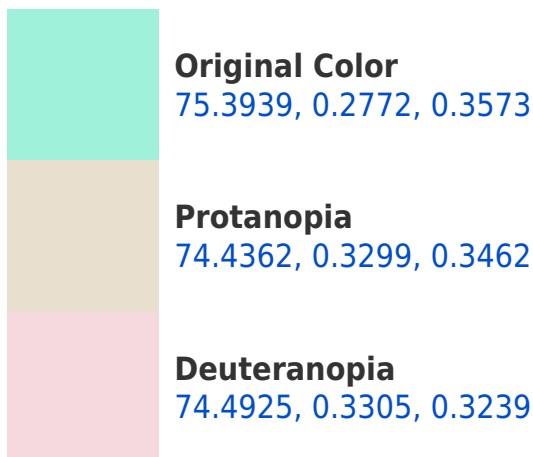


This preview shows how white text looks on a background with the Yxy color 75.3939, 0.2772, 0.3573.

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

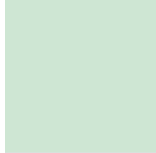
75.5817, 0.2625, 0.3088

Trichromacy



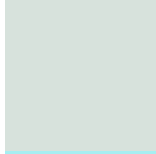
Original Color

75.3939, 0.2772, 0.3573



Protanomaly

74.4186, 0.3083, 0.3503



Deuteranomaly

74.0071, 0.3090, 0.3356



Tritanomaly

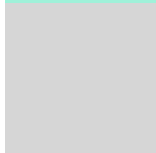
75.6069, 0.2676, 0.3254

Monochromacy



Original Color

75.3939, 0.2772, 0.3573



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.6869, 0.2978, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3939, 0.2772, 0.3573 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(160, 241, 217)` looks like.

```
.text, #text, p{  
    color:rgb(160, 241, 217)  
}
```

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(160, 241, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 241, 217) }
```

Border

The CSS property to change the border of an element to Yxy 75.3939, 0.2772, 0.3573 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(160, 241, 217) }
```

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

```
.border{ border-color:rgb(160, 241, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 241, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 241, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 241, 217);  
box-shadow:4px 4px 4px 4px rgb(160, 241,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3939, 0.2772, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 241, 217) }
```

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

```
.background{ background-color: rgb(160,  
241, 217) }
```

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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