

Converting Colors

$Yxy(75.5111, 0.2697, 0.3526)$

Have a look what the booklet for
Yxy(75.5111, 0.2697, 0.3526)
contains.

Yxy(75.3575, 0.2700, 0.3527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.3575, 0.2700, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	97F2DE
RGB	151, 242, 222
RGB Percent	59%, 95%, 87%
CMY	0.4082, 0.0509, 0.1294
CMYK	0.38, 0.00, 0.08, 0.05
HSL	167°, 78%, 77%
HSV	167°, 38%, 95%
XYZ	57.6879, 75.3575, 80.6135
YIQ	212.5110, -47.8160, -25.5120

Conversions

Conversions Part 2

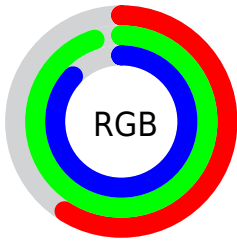
Format	Color
RYB	151, 202, 242
Decimal	9958110
CIELab	89.56, -31.66, 1.07
CIELCh	90, 31.683, 178.066
Yxy	75.3575, 0.2700, 0.3527
Android (android.graphics.Color)	4288148190 (0xFF97F2DE)
YUV	212.5110, 4.6781, -53.9451
Hunter-Lab	86.8087, -33.2947, 5.7074

Details

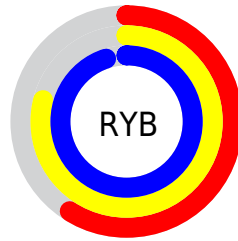
The Yxy color **75.3575, 0.2700, 0.3527** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.9249, 0.3847, 0.3071**, and the grayscale version is **66.1780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **40.3407, 0.2603, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **72.9987, 0.2613, 0.3602**, and if you desaturate by 10%, it is **78.2065, 0.2801, 0.3457**.

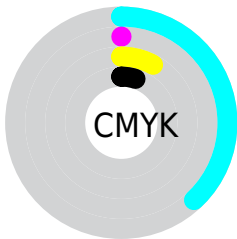
Distribution



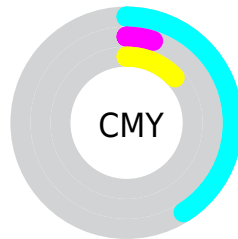
- Red (59%)
- Green (95%)
- Blue (87%)



- Red (59%)
- Yellow (79%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (41%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3575, 0.2700, 0.3527 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 75.3575, 0.2700, 0.3527 by changing the saturation by 10% instead.

 75.3575, 0.2700,
0.3527


 75.3575, 0.2700,
0.3527


479.1454, 0.2896,
0.3418

 55.9058, 0.2656,
0.3552


 126.8183, 0.2768,
0.3489

 40.1274, 0.2601,
0.3582


 159.5962, 0.2794,
0.3474

 27.6379, 0.2532,
0.3621


197.5849, 0.2817,
0.3462

 18.0529, 0.2443,
0.3672

241.1690, 0.2837,
0.3451

 10.9880, 0.2323,
0.3740

290.7326, 0.2854,
0.3441

 6.0587, 0.2152,
0.3838

346.6603, 0.2870,

 2.8808, 0.1893,

0.3432

0.3988

409.3365, 0.2884,
0.3425

■ 1.0698, 0.0977,
0.4486

■ 0.0000, 0.0000,
0.0000

■ 75.3575, 0.2700,
0.3527

■ 75.3575, 0.2700,
0.3527

■ 72.9987, 0.2613,
0.3602

■ 78.2065, 0.2801,
0.3457

■ 71.0916, 0.2541,
0.3680

■ 81.5636, 0.2913,
0.3392


■ 69.6067, 0.2489,
0.3760


■ 85.4566, 0.3032,
0.3332

■ 68.5069, 0.2456,
0.3842

■ 89.9087, 0.3157,
0.3278


 67.7487, 0.2443,
0.3924

 91.5889, 0.3172,
0.3227

 67.2739, 0.2448,
0.4004

 91.9247, 0.3140,
0.3176

 67.1824, 0.2451,
0.4023

 91.9949, 0.3133,
0.3166

Harmonies

Analogous

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



75.3575, 0.3037, 0.3836



75.3575, 0.2700, 0.3527



75.3575, 0.2483, 0.3160

Triad

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



75.3575, 0.2700, 0.3527



75.3575, 0.2816, 0.2689



75.3575, 0.3876, 0.3658

Complementary

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



75.3575, 0.2700, 0.3527



43.9249, 0.3847, 0.3071

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.



75.3575, 0.3815, 0.3357



75.3575, 0.2700, 0.3527



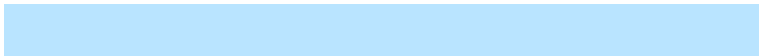
75.3575, 0.3183, 0.2819

Square

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



75.3575, 0.2700, 0.3527



75.3575, 0.2547, 0.2699



75.3575, 0.3555, 0.3057



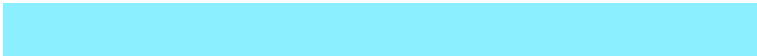
75.3575, 0.3723, 0.3890

Rectangle

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



75.3575, 0.2700, 0.3527



75.3575, 0.2428, 0.2947



75.3575, 0.3555, 0.3057



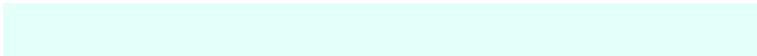
75.3575, 0.3880, 0.3562

Sweetspot

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



75.3605, 0.2700, 0.3527



94.6722, 0.2991, 0.3351



74.5371, 0.3205, 0.4393



20.1345, 0.2975, 0.3360



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.



75.3605, 0.2700, 0.3527



82.8186, 0.2633, 0.3583



62.9834, 0.2560, 0.2998



17.8660, 0.3010, 0.3342



36.1062, 0.2447, 0.4010



3.0182, 0.2418, 0.3903

Inverse Universe

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



43.9249, 0.3847, 0.3071



42.8227, 0.4067, 0.3029



51.8544, 0.3953, 0.3560



15.8157, 0.3259, 0.3238



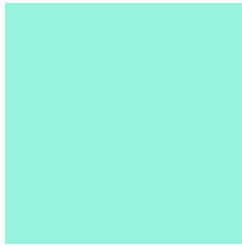
10.2965, 0.6020, 0.3090



0.8710, 0.5659, 0.2891

Previews

White Background



This preview shows how the Yxy color 75.3575, 0.2700, 0.3527 looks on a white background.

Color Contrast Check

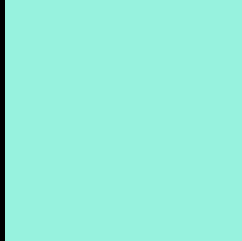
Large Text (above 18pt) WCAG AA × Fail

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 75.3575, 0.2700, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

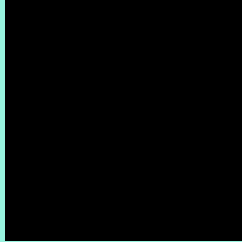
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3575, 0.2700, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 75.3575, 0.2700, 0.3527.

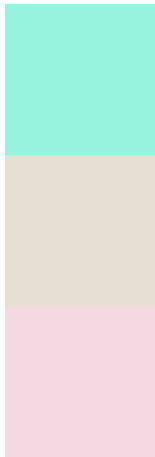


This preview shows how white text looks on a background with the Yxy color 75.3575, 0.2700, 0.3527.

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



Original Color

75.3575, 0.2700, 0.3527

Protanopia

74.4674, 0.3264, 0.3419

Deuteranopia

74.4049, 0.3255, 0.3188



Tritanopia

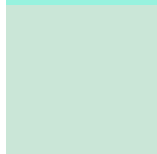
75.4698, 0.2586, 0.3086

Trichromacy



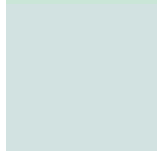
Original Color

75.3575, 0.2700, 0.3527



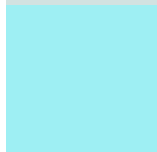
Protanomaly

74.0565, 0.3032, 0.3458



Deuteranomaly

73.5306, 0.3024, 0.3301



Tritanomaly

75.4732, 0.2627, 0.3243

Monochromacy



Original Color

75.3575, 0.2700, 0.3527



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.6804, 0.2946, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3575, 0.2700, 0.3527 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(151, 242, 222)` looks like.

```
.text, #text, p{  
    color:rgb(151, 242, 222)  
}
```

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(151, 242, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 242, 222) }
```

Border

The CSS property to change the border of an element to Yxy 75.3575, 0.2700, 0.3527 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(151, 242, 222) }
```

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

```
.border{ border-color:rgb(151, 242, 222) }
```

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

Here you see how a box with a 4 pixel rgb(151, 242, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 242, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 242, 222);  
box-shadow:4px 4px 4px 4px rgb(151, 242,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3575, 0.2700, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 242, 222) }
```

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

```
.background{ background-color: rgb(151,  
242, 222) }
```

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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