

Converting Colors

$Yxy(75.0414, 0.2731, 0.3601)$

Have a look what the booklet for
Yxy(75.0414, 0.2731, 0.3601)
contains.

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Color

Yxy(75.0414, 0.2731, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	97F2D8
RGB	151, 242, 216
RGB Percent	59%, 95%, 85%
CMY	0.4077, 0.0510, 0.1530
CMYK	0.38, 0.00, 0.11, 0.05
HSL	163°, 78%, 77%
HSV	163°, 38%, 95%
XYZ	56.9114, 75.0414, 76.4376
YIQ	211.8270, -45.8900, -27.3780

Conversions

Conversions Part 2

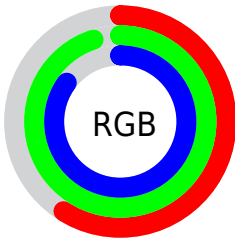
Format	Color
RYB	151, 204, 242
Decimal	9958104
CIELab	89.41, -32.94, 3.99
CIELCh	89, 33.177, 173.085
Yxy	75.0414, 0.2731, 0.3601
Android (android.graphics.Color)	4288148184 (0xFF97F2D8)
YUV	211.8270, 2.0573, -53.3453
Hunter-Lab	86.6264, -34.3262, 8.3221

Details

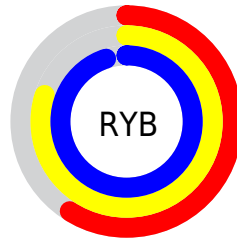
The Yxy color **75.0414, 0.2731, 0.3601** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.1977, 0.3783, 0.3006**, and the grayscale version is **65.7318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1499, 0.2849, 0.3289**, and **39.7040, 0.2637, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **72.6107, 0.2650, 0.3700**, and if you desaturate by 10%, it is **77.9685, 0.2825, 0.3508**.

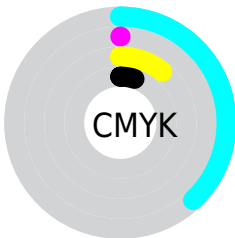
Distribution



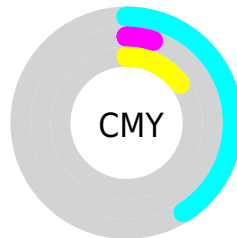
- Red (59%)
- Green (95%)
- Blue (85%)



- Red (59%)
- Yellow (80%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)





- Cyan (41%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0414, 0.2731, 0.3601 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 75.0414, 0.2731, 0.3601 by changing the saturation by 10% instead.


 75.0414, 0.2731,
0.3601

 75.0414, 0.2731,
0.3601

478.0599, 0.2914,
0.3456

 55.6468, 0.2689,
0.3635


 126.3710, 0.2794,
0.3550

 39.9198, 0.2638,
0.3676


 159.0747, 0.2819,
0.3531

 27.4760, 0.2573,
0.3729

196.9837, 0.2840,
0.3514

 17.9311, 0.2488,
0.3799

240.4822, 0.2859,
0.3499

 10.9005, 0.2373,
0.3896

289.9547, 0.2875,
0.3486

 6.0000, 0.2207,
0.4036

345.7855, 0.2890,

 2.8451, 0.1953,

0.3475

0.4260

408.3591, 0.2902,
0.3465

■ 1.0514, 0.0890,
0.5023

■ 0.0000, 0.0000,
0.0000

■ 75.0414, 0.2731,
0.3601

■ 75.0414, 0.2731,
0.3601

■ 72.6107, 0.2650,
0.3700

■ 77.9685, 0.2825,
0.3508

■ 70.6378, 0.2584,
0.3804

■ 81.4099, 0.2929,
0.3423

■ 69.0930, 0.2537,
0.3912

■ 85.3935, 0.3040,
0.3344

■ 67.9393, 0.2509,
0.4021

■ 89.9426, 0.3155,
0.3274

■ 67.1331, 0.2502,
0.4130

■ 91.7043, 0.3160,
0.3207

■ 66.6163, 0.2514,
0.4238

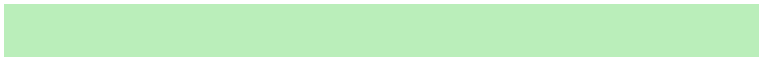
■ 91.9850, 0.3133,
0.3165

■ 66.5138, 0.2518,
0.4264

Harmonies

Analogous

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



75.0414, 0.3097, 0.3903



75.0414, 0.2731, 0.3601



75.0414, 0.2480, 0.3214

Triad

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



75.0414, 0.2731, 0.3601



75.0414, 0.2745, 0.2653



75.0414, 0.3918, 0.3624

Complementary

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



75.0414, 0.2731, 0.3601



44.1977, 0.3783, 0.3006

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.



75.0414, 0.3817, 0.3304



75.0414, 0.2731, 0.3601



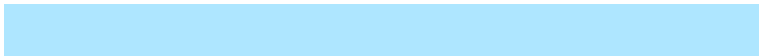
75.0414, 0.3118, 0.2767

Square

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



75.0414, 0.2731, 0.3601



75.0414, 0.2488, 0.2688



75.0414, 0.3516, 0.2999



75.0414, 0.3792, 0.3886

Rectangle

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



75.0414, 0.2731, 0.3601



75.0414, 0.2403, 0.2980



75.0414, 0.3516, 0.2999



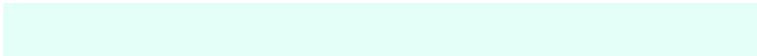
75.0414, 0.3910, 0.3520

Sweetspot

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



75.0444, 0.2731, 0.3601



94.5568, 0.3001, 0.3370



75.2437, 0.3245, 0.4377



20.1069, 0.2986, 0.3381



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.



75.0444, 0.2731, 0.3601



82.4007, 0.2668, 0.3675



66.2013, 0.2571, 0.3072



17.8474, 0.3019, 0.3358



35.7561, 0.2513, 0.4246



2.9916, 0.2473, 0.4104

Inverse Universe

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



44.1977, 0.3783, 0.3006



43.1092, 0.3983, 0.2950



49.5732, 0.3977, 0.3494



15.8332, 0.3248, 0.3223



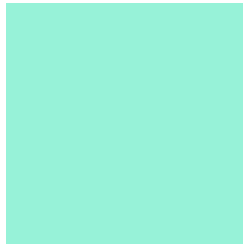
10.3936, 0.5810, 0.2975



0.8812, 0.5437, 0.2769

Previews

White Background



This preview shows how the Yxy color 75.0414, 0.2731, 0.3601 looks on a white background.

Color Contrast Check

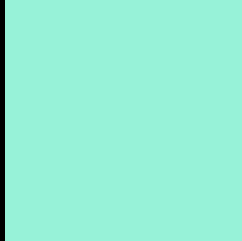
Large Text (above 18pt) WCAG AA × Fail

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 75.0414, 0.2731, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

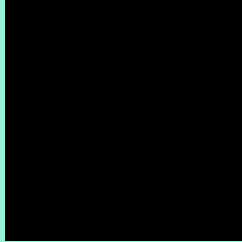
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0414, 0.2731, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 75.0414, 0.2731, 0.3601.

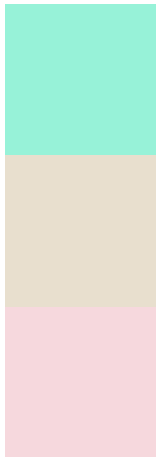


This preview shows how white text looks on a background with the Yxy color 75.0414, 0.2731, 0.3601.

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

75.0414, 0.2731, 0.3601

Protanopia

74.3874, 0.3305, 0.3473

Deuteranopia

73.9250, 0.3313, 0.3239



Tritanopia

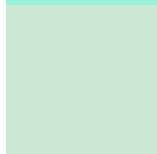
74.7880, 0.2579, 0.3074

Trichromacy



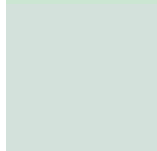
Original Color

75.0414, 0.2731, 0.3601



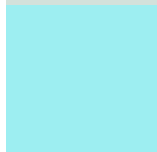
Protanomaly

73.9433, 0.3069, 0.3515



Deuteranomaly

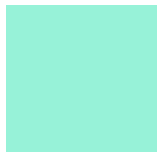
72.8138, 0.3069, 0.3356



Tritanomaly

74.6680, 0.2630, 0.3254

Monochromacy



Original Color

75.0414, 0.2731, 0.3601



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.5266, 0.2964, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0414, 0.2731, 0.3601 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(151, 242, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 242, 216) }
```

Border

The CSS property to change the border of an element to Yxy 75.0414, 0.2731, 0.3601 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, 216) }
```

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

```
.border{ border-color:rgb(151, 242, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 242, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 242, 216);  
box-shadow:4px 4px 4px 4px rgb(151, 242,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0414, 0.2731, 0.3601 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, 216) }
```

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

```
.background{ background-color: rgb(151,  
242, 216) }
```

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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