

Converting Colors

$Yxy(75.3216, 0.2873, 0.3901)$

Have a look what the booklet for
Yxy(75.3216, 0.2873, 0.3901)
contains.

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Color

Yxy(75.5202, 0.2874, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	9BF4C1
RGB	155, 244, 193
RGB Percent	61%, 96%, 76%
CMY	0.3920, 0.0431, 0.2433
CMYK	0.36, 0.00, 0.21, 0.04
HSL	146°, 80%, 78%
HSV	146°, 36%, 96%
XYZ	55.4961, 75.5202, 62.0807
YIQ	211.5750, -36.6730, -34.7290

Conversions

Conversions Part 2

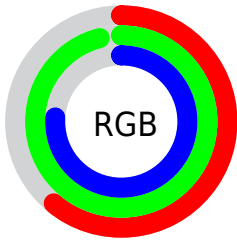
Format	Color
RYB	155, 217, 244
Decimal	10220737
CIELab	89.64, -37.42, 16.29
CIELCh	90, 40.814, 156.478
Yxy	75.5202, 0.2874, 0.3911
Android (android.graphics.Color)	4288410817 (0xFF9BF4C1)
YUV	211.5750, -9.1575, -49.6163
Hunter-Lab	86.9024, -38.0886, 18.4765

Details

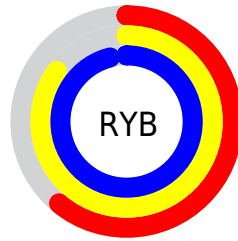
The Yxy color **75.5202, 0.2874, 0.3911** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **47.1502, 0.3505, 0.2746**, and the grayscale version is **65.6273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4192, 0.2898, 0.3341**, and **40.1141, 0.2810, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **72.7519, 0.2819, 0.4120**, and if you desaturate by 10%, it is **78.8416, 0.2938, 0.3717**.

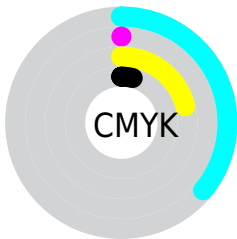
Distribution



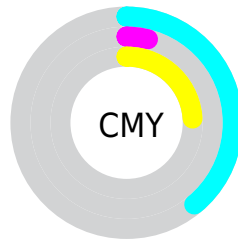
- Red (61%)
- Green (96%)
- Blue (76%)



- Red (61%)
- Yellow (85%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)




- Cyan (39%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5202, 0.2874, 0.3911 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 75.5202, 0.2874, 0.3911 by changing the saturation by 10% instead.


 75.5202, 0.2874,
0.3911

 75.5202, 0.2874,
0.3911

479.7037, 0.2997,
0.3613

 56.0392, 0.2845,
0.3982


 127.0485, 0.2918,
0.3805

 40.2343, 0.2808,
0.4071


 159.8645, 0.2934,
0.3765

 27.7213, 0.2760,
0.4186


197.8942, 0.2948,
0.3730

 18.1157, 0.2695,
0.4340

241.5222, 0.2961,
0.3700

 11.0331, 0.2604,
0.4557

291.1327, 0.2971,
0.3674

 6.0891, 0.2465,
0.4884

347.1102, 0.2981,

 2.8993, 0.2231,

0.3651

409.8391, 0.2989,
0.3631

0.5425

1.0794, 0.0835,
0.8976

0.0000, 0.0000,
0.0000

75.5202, 0.2874,
0.3911

75.5202, 0.2874,
0.3911

72.7519, 0.2819,
0.4120

78.8416, 0.2938,
0.3717

70.4963, 0.2778,
0.4340

82.7355, 0.3007,
0.3541

68.7220, 0.2751,
0.4567

87.2315, 0.3080,
0.3383

67.3901, 0.2744,
0.4793

92.3546, 0.3153,
0.3242

■ 66.4552, 0.2756,
0.5010

■ 93.1820, 0.3132,
0.3185

■ 65.8612, 0.2786,
0.5211

■ 65.7017, 0.2799,
0.5277

Harmonies

Analogous

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



75.5202, 0.3351, 0.4156



75.5202, 0.2874, 0.3911



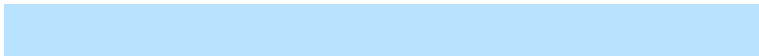
75.5202, 0.2484, 0.3458

Triad

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



75.5202, 0.2874, 0.3911



75.5202, 0.2468, 0.2519



75.5202, 0.4066, 0.3472

Complementary

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



75.5202, 0.2874, 0.3911



47.1502, 0.3505, 0.2746

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.



75.5202, 0.3794, 0.3090



75.5202, 0.2874, 0.3911



75.5202, 0.2847, 0.2564

Square

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



75.5202, 0.2874, 0.3911



75.5202, 0.2266, 0.2660



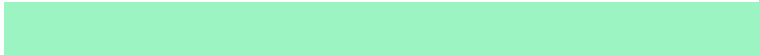
75.5202, 0.3335, 0.2768



75.5202, 0.4059, 0.3843

Rectangle

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



75.5202, 0.2874, 0.3911



75.5202, 0.2319, 0.3136



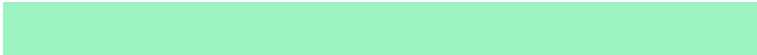
75.5202, 0.3335, 0.2768



75.5202, 0.4004, 0.3342

Sweetspot

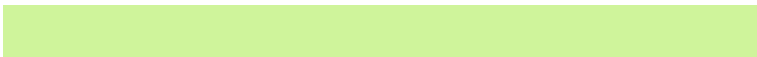
The Sweet Spot groups the original color and five complimentary colors.



75.5233, 0.2874, 0.3911



94.0692, 0.3046, 0.3453



80.3260, 0.3413, 0.4285



19.9906, 0.3036, 0.3475



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.



75.5233, 0.2874, 0.3911



81.0870, 0.2831, 0.4069



77.7651, 0.2651, 0.3374



18.5893, 0.3057, 0.3429



35.7507, 0.2791, 0.5248



3.1623, 0.2723, 0.5001

Inverse Universe

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



47.1502, 0.3505, 0.2746



45.3584, 0.3617, 0.2633



45.3149, 0.3940, 0.3211



16.6419, 0.3204, 0.3155



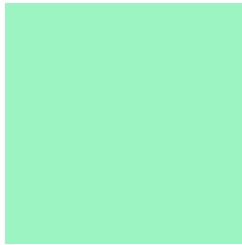
11.5153, 0.4650, 0.2335



1.0326, 0.4419, 0.2208

Previews

White Background



This preview shows how the Yxy color 75.5202, 0.2874, 0.3911 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 75.5202, 0.2874, 0.3911 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 75.5202, 0.2874, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 75.5202, 0.2874, 0.3911.



This preview shows how white text looks on a background with the Yxy color 75.5202, 0.2874, 0.3911.

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

75.5202, 0.2874, 0.3911

Protanopia

74.7347, 0.3500, 0.3729

Deuteranopia

74.4953, 0.3540, 0.3465



Tritanopia

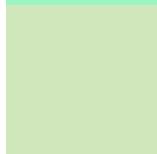
75.5357, 0.2614, 0.3076

Trichromacy



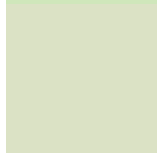
Original Color

75.5202, 0.2874, 0.3911



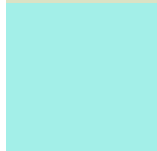
Protanomaly

74.0051, 0.3241, 0.3790



Deuteranomaly

73.4840, 0.3268, 0.3611



Tritanomaly

75.3457, 0.2708, 0.3370

Monochromacy



Original Color

75.5202, 0.2874, 0.3911



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.7955, 0.3020, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5202, 0.2874, 0.3911 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(155, 244, 193)` looks like.

```
.text, #text, p{  
    color:rgb(155, 244, 193)  
}
```

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(155, 244, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 244, 193) }
```

Border

The CSS property to change the border of an element to Yxy 75.5202, 0.2874, 0.3911 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(155, 244, 193) }
```

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

```
.border{ border-color:rgb(155, 244, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 244, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 244, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 244, 193);  
box-shadow:4px 4px 4px 4px rgb(155, 244,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5202, 0.2874, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 244, 193) }
```

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

```
.background{ background-color: rgb(155,  
244, 193) }
```

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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