

Converting Colors

$Yxy(74.9023, 0.2916, 0.4025)$

Have a look what the booklet for
Yxy(74.9023, 0.2916, 0.4025)
contains.

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Color

Yxy(75.0321, 0.2916, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	9AF4B8
RGB	154, 244, 184
RGB Percent	60%, 96%, 72%
CMY	0.3960, 0.0431, 0.2785
CMYK	0.37, 0.00, 0.25, 0.04
HSL	140°, 80%, 78%
HSV	140°, 37%, 96%
XYZ	54.3317, 75.0321, 56.9588
YIQ	210.2500, -34.3800, -37.7400

Conversions

Conversions Part 2

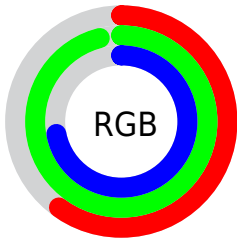
Format	Color
RYB	154, 222, 244
Decimal	10155192
CIELab	89.41, -39.38, 20.59
CIELCh	89, 44.440, 152.401
Yxy	75.0321, 0.2916, 0.4027
Android (android.graphics.Color)	4288345272 (0xFF9AF4B8)
YUV	210.2500, -12.9412, -49.3312
Hunter-Lab	86.6211, -39.6256, 21.6478

Details

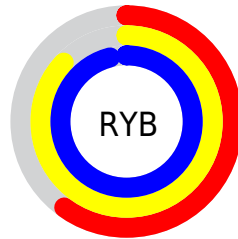
The Yxy color **75.0321, 0.2916, 0.4027** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **47.2116, 0.3432, 0.2656**, and the grayscale version is **64.7303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6602, 0.2945, 0.3446**, and **39.8320, 0.2856, 0.4211** is the 20% darker color. If you saturate the color by 10%, you get **72.2351, 0.2871, 0.4273**, and if you desaturate by 10%, it is **78.4005, 0.2969, 0.3799**.

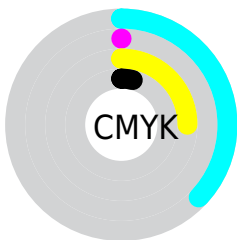
Distribution



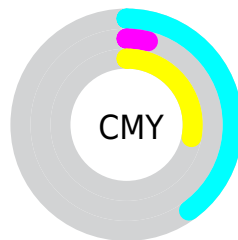
- Red (60%)
- Green (96%)
- Blue (72%)



- Red (60%)
- Yellow (87%)
- Blue (96%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (4%)





- Cyan (40%)
- Magenta (4%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0321, 0.2916, 0.4027 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 75.0321, 0.2916, 0.4027 by changing the saturation by 10% instead.


 75.0321, 0.2916,
0.4027

 75.0321, 0.2916,
0.4027


478.0279, 0.3022,
0.3670

 55.6392, 0.2890,
0.4112


 126.3578, 0.2954,
0.3900

 39.9137, 0.2856,
0.4220


 159.0594, 0.2969,
0.3852

 27.4713, 0.2812,
0.4359


196.9660, 0.2981,
0.3810

 17.9275, 0.2751,
0.4546

240.4620, 0.2992,
0.3775

 10.8979, 0.2662,
0.4809

289.9318, 0.3001,
0.3744

 5.9982, 0.2523,
0.5207


345.7597, 0.3009,

 2.8440, 0.2277,


0.3716


0.5866


408.3303, 0.3016,
0.3692

 1.0508, 0.0264,
0.9736


 0.0000, 0.0000,
0.0000


 75.0321, 0.2916,
0.4027


 75.0321, 0.2916,
0.4027


 72.2351, 0.2871,
0.4273


 78.4005, 0.2969,
0.3799


 69.9678, 0.2837,
0.4530

 82.3605, 0.3026,
0.3591

 68.1977, 0.2818,
0.4791

 86.9430, 0.3086,
0.3405

 66.8844, 0.2816,
0.5045

 92.1737, 0.3146,
0.3241

■ 65.9811, 0.2831,
0.5280

■ 93.1820, 0.3132,
0.3185

■ 65.4286, 0.2862,
0.5486

■ 65.2998, 0.2873,
0.5543

Harmonies

Analogous

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



75.0321, 0.3437, 0.4250



75.0321, 0.2916, 0.4027



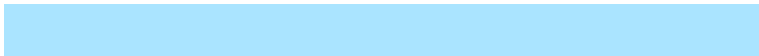
75.0321, 0.2475, 0.3545

Triad

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



75.0321, 0.2916, 0.4027



75.0321, 0.2370, 0.2463



75.0321, 0.4129, 0.3424

Complementary

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



75.0321, 0.2916, 0.4027



47.2116, 0.3432, 0.2656

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.



75.0321, 0.3795, 0.3018



75.0321, 0.2916, 0.4027



75.0321, 0.2756, 0.2488

Square

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



75.0321, 0.2916, 0.4027



75.0321, 0.2183, 0.2640



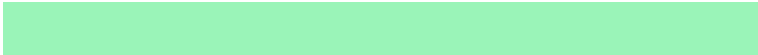
75.0321, 0.3277, 0.2687



75.0321, 0.4161, 0.3833

Rectangle

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



75.0321, 0.2916, 0.4027



75.0321, 0.2279, 0.3187



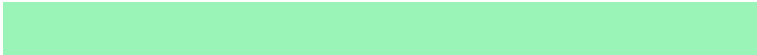
75.0321, 0.3277, 0.2687



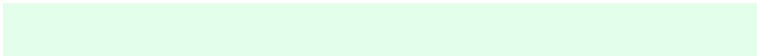
75.0321, 0.4048, 0.3285

Sweetspot

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



75.0352, 0.2916, 0.4027



93.9158, 0.3061, 0.3480



81.5606, 0.3479, 0.4276



19.9542, 0.3053, 0.3505



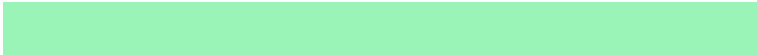
0.0000, 0.0000, 0.0000



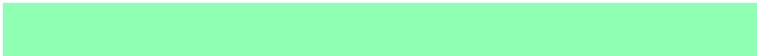
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0352, 0.2916, 0.4027



80.6436, 0.2883, 0.4203



77.1491, 0.2691, 0.3482



18.5631, 0.3070, 0.3452



35.5287, 0.2865, 0.5514



3.1409, 0.2795, 0.5263

Inverse Universe

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



47.2116, 0.3432, 0.2656



45.8881, 0.3514, 0.2534



45.2766, 0.3860, 0.3111



16.6690, 0.3189, 0.3133



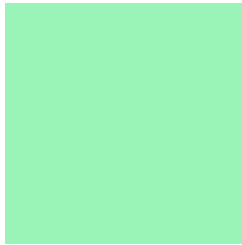
11.9174, 0.4273, 0.2128



1.0664, 0.4105, 0.2035

Previews

White Background



This preview shows how the Yxy color 75.0321, 0.2916, 0.4027 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 75.0321, 0.2916, 0.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

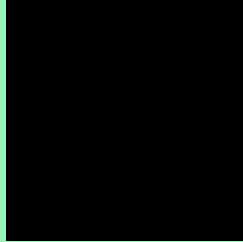
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0321, 0.2916, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 75.0321, 0.2916, 0.4027.

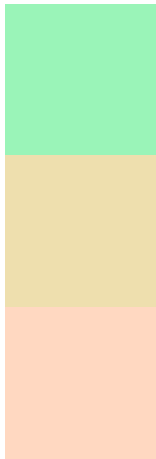


This preview shows how white text looks on a background with the Yxy color 75.0321, 0.2916, 0.4027.

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

75.0321, 0.2916, 0.4027

Protanopia

74.0085, 0.3572, 0.3815

Deuteranopia

74.2220, 0.3584, 0.3527



Tritanopia

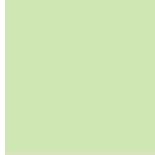
75.0074, 0.2623, 0.3076

Trichromacy



Original Color

75.0321, 0.2916, 0.4027



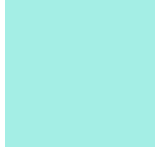
Protanomaly

73.6316, 0.3298, 0.3895



Deuteranomaly

73.0158, 0.3307, 0.3692



Tritanomaly

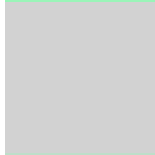
74.6987, 0.2727, 0.3394

Monochromacy



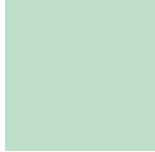
Original Color

75.0321, 0.2916, 0.4027



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.4067, 0.3039, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0321, 0.2916, 0.4027 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(154, 244, 184)` looks like.

```
.text, #text, p{  
    color:rgb(154, 244, 184)  
}
```

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(154, 244, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 244, 184) }
```

Border

The CSS property to change the border of an element to Yxy 75.0321, 0.2916, 0.4027 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(154, 244, 184) }
```

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

```
.border{ border-color:rgb(154, 244, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 244, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 244, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 244, 184);  
box-shadow:4px 4px 4px 4px rgb(154, 244,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0321, 0.2916, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 244, 184) }
```

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

```
.background{ background-color: rgb(154,  
244, 184) }
```

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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