

Converting Colors

$Yxy(74.2492, 0.2916, 0.3898)$

Have a look what the booklet for
Yxy(74.2492, 0.2916, 0.3898)
contains.

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Color

Yxy(74.2492, 0.2916, 0.3898)

Conversions

Conversions Part 1

Format	Color
Hex	A1F1BF
RGB	161, 241, 191
RGB Percent	63%, 95%, 75%
CMY	0.3689, 0.0548, 0.2510
CMYK	0.33, 0.00, 0.21, 0.05
HSL	143°, 74%, 79%
HSV	143°, 33%, 95%
XYZ	55.5440, 74.2492, 60.6870
YIQ	211.3800, -31.6300, -32.5100

Conversions

Conversions Part 2

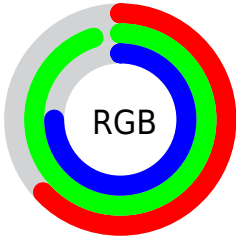
Format	Color
RYB	161, 219, 241
Decimal	10613183
CIELab	89.04, -34.73, 16.51
CIELCh	89, 38.458, 154.574
Yxy	74.2492, 0.2916, 0.3898
Android (android.graphics.Color)	4288803263 (0xFFA1F1BF)
YUV	211.3800, -10.0473, -44.1833
Hunter-Lab	86.1680, -35.7325, 18.5604

Details

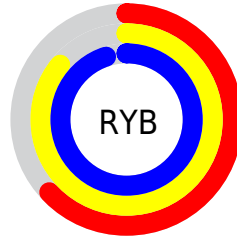
The Yxy color **74.2492, 0.2916, 0.3898** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **48.8672, 0.3424, 0.2754**, and the grayscale version is **65.4793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1408, 0.2948, 0.3371**, and **39.5682, 0.2860, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **71.3574, 0.2864, 0.4121**, and if you desaturate by 10%, it is **77.6978, 0.2976, 0.3692**.

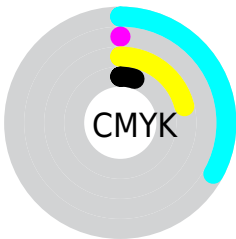
Distribution



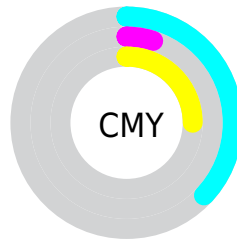
- Red (63%)
- Green (95%)
- Blue (75%)



- Red (63%)
- Yellow (86%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)




- Cyan (37%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2492, 0.2916, 0.3898 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 74.2492, 0.2916, 0.3898 by changing the saturation by 10% instead.


 74.2492, 0.2916,
0.3898

 74.2492, 0.2916,
0.3898


475.3330, 0.3019,
0.3605

 54.9980, 0.2891,
0.3968

 125.2490, 0.2953,
0.3794

 39.4001, 0.2859,
0.4055


 157.7664, 0.2967,
0.3754

 27.0712, 0.2818,
0.4169


195.4747, 0.2979,
0.3721

 17.6267, 0.2762,
0.4321

238.7583, 0.2989,
0.3691

 10.6823, 0.2681,
0.4536

288.0015, 0.2998,
0.3666

 5.8536, 0.2557,
0.4860

343.5887, 0.3006,

 2.7563, 0.2344,

0.3643

405.9044, 0.3013,
0.3623

0.5400

1.0059, 0.0932,
0.9068

0.0000, 0.0000,
0.0000

74.2492, 0.2916,
0.3898

74.2492, 0.2916,
0.3898

71.3574, 0.2864,
0.4121

77.6978, 0.2976,
0.3692

68.9833, 0.2822,
0.4359

81.7215, 0.3040,
0.3506

67.0970, 0.2794,
0.4604

86.3492, 0.3106,
0.3340

65.6621, 0.2783,
0.4848

91.1603, 0.3157,
0.3192

■ 64.6361, 0.2791,
0.5083

■ 91.4023, 0.3133,
0.3156

■ 63.9682, 0.2817,
0.5297

■ 63.6686, 0.2841,
0.5427

Harmonies

Analogous

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



74.2492, 0.3371, 0.4113



74.2492, 0.2916, 0.3898



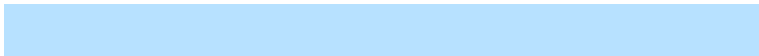
74.2492, 0.2536, 0.3479

Triad

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



74.2492, 0.2916, 0.3898



74.2492, 0.2483, 0.2560



74.2492, 0.4008, 0.3442

Complementary

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



74.2492, 0.2916, 0.3898



48.8672, 0.3424, 0.2754

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.



74.2492, 0.3735, 0.3079



74.2492, 0.2916, 0.3898



74.2492, 0.2836, 0.2590

Square

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



74.2492, 0.2916, 0.3898



74.2492, 0.2302, 0.2708



74.2492, 0.3295, 0.2777



74.2492, 0.4019, 0.3798

Rectangle

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



74.2492, 0.2916, 0.3898



74.2492, 0.2370, 0.3174



74.2492, 0.3295, 0.2777



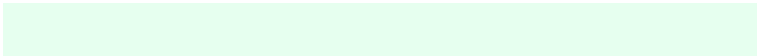
74.2492, 0.3943, 0.3319

Sweetspot

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



74.2523, 0.2916, 0.3898



94.4967, 0.3061, 0.3451



79.4378, 0.3418, 0.4182



20.0728, 0.3052, 0.3475



0.0000, 0.0000, 0.0000



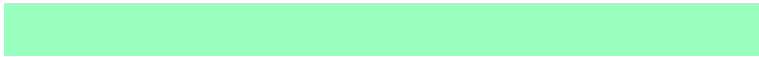
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2523, 0.2916, 0.3898



82.0667, 0.2879, 0.4050



76.2234, 0.2708, 0.3413



17.7546, 0.3064, 0.3441



34.5437, 0.2833, 0.5397



2.8924, 0.2759, 0.5132

Inverse Universe

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



48.8672, 0.3424, 0.2754



49.0372, 0.3508, 0.2642



47.1298, 0.3799, 0.3174



15.9249, 0.3195, 0.3144



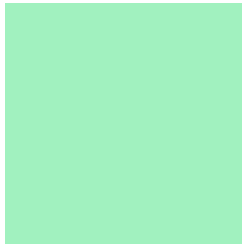
11.3714, 0.4440, 0.2219



0.9652, 0.4234, 0.2106

Previews

White Background



This preview shows how the Yxy color 74.2492, 0.2916, 0.3898 looks on a white background.

Color Contrast Check

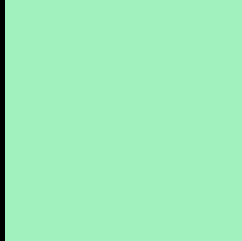
Large Text (above 18pt) WCAG AA × Fail

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 74.2492, 0.2916, 0.3898 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 74.2492, 0.2916, 0.3898

Background



This preview shows how black text looks on a background with the Yxy color 74.2492, 0.2916, 0.3898.

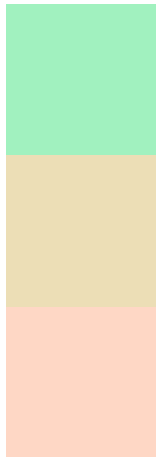


This preview shows how white text looks on a background with the Yxy color 74.2492, 0.2916, 0.3898.

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

74.2492, 0.2916, 0.3898

Protanopia

73.4528, 0.3503, 0.3721

Deuteranopia

73.7029, 0.3549, 0.3476



Tritanopia

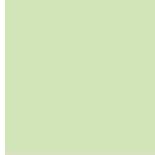
74.1271, 0.2656, 0.3087

Trichromacy



Original Color

74.2492, 0.2916, 0.3898



Protanomaly

73.0967, 0.3270, 0.3790



Deuteranomaly

72.4671, 0.3291, 0.3612



Tritanomaly

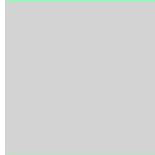
74.0831, 0.2752, 0.3370

Monochromacy



Original Color

74.2492, 0.2916, 0.3898



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.9396, 0.3041, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2492, 0.2916, 0.3898 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(161, 241, 191)` looks like.

```
.text, #text, p{  
    color:rgb(161, 241, 191)  
}
```

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(161, 241, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 241, 191) }
```

Border

The CSS property to change the border of an element to Yxy 74.2492, 0.2916, 0.3898 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(161, 241, 191) }
```

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

```
.border{ border-color:rgb(161, 241, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 241, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 241, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 241, 191);  
box-shadow:4px 4px 4px 4px rgb(161, 241,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2492, 0.2916, 0.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 241, 191) }
```

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

```
.background{ background-color: rgb(161,  
241, 191) }
```

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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