

Converting Colors

XYZ(60.3345, 81.8542, 77.0636)

Have a look what the booklet for
XYZ(60.3345, 81.8542, 77.0636)
contains.

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Color

**XYZ(60.3399, 81.8323,
76.9049)**

Conversions

Conversions Part 1

Format	Color
Hex	98FDD7
RGB	152, 253, 215
RGB Percent	60%, 99%, 84%
CMY	0.4039, 0.0078, 0.1569
CMYK	0.40, 0.00, 0.15, 0.01
HSL	157°, 96%, 79%
HSV	157°, 40%, 99%
XYZ	60.3399, 81.8323, 76.9049
YIQ	218.4690, -47.9980, -33.2300

Conversions

Conversions Part 2

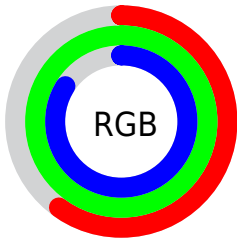
Format	Color
RYB	152, 214, 253
Decimal	10026455
CIELab	92.50, -37.95, 8.96
CIELCh	93, 38.992, 166.719
Yxy	81.8323, 0.2754, 0.3735
Android (android.graphics.Color)	4288216535 (0xFF98FDD7)
YUV	218.4690, -1.7102, -58.2933
Hunter-Lab	90.4612, -39.2431, 12.9179

Details

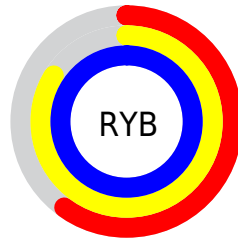
The XYZ color **60.3399, 81.8323, 76.9049** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.0333, 47.0588, 54.5848**, and the grayscale version is **67.0014, 70.4907, 76.7643**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **30.8044, 44.4508, 40.2140** is the 20% darker color. If you saturate the color by 10%, you get **54.9127, 79.1739, 70.4513**, and if you desaturate by 10%, it is **66.8528, 85.0465, 83.7844**.

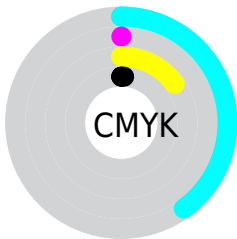
Distribution



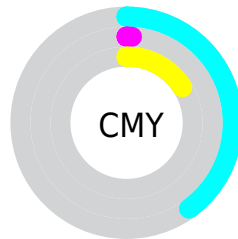
- Red (60%)
- Green (99%)
- Blue (84%)



- Red (60%)
- Yellow (84%)
- Blue (99%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (40%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3399, 81.8323, 76.9049 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 XYZ color 60.3399, 81.8323, 76.9049 by changing the saturation by 10% instead.


 60.3399, 81.8323,
76.9049


 60.3399, 81.8323,
76.9049


415.6642,
501.0866, 503.8688

 43.9432, 61.2273,
56.6637

 104.4261,
135.9388, 130.7770

 30.8236, 44.4086,
40.3278


 132.8463,
170.2091, 165.2450

 20.6157, 30.9919,
27.4785


166.0051,
209.8033, 205.2924

 12.9542, 20.5927,
17.6973

204.2677,
255.1058, 251.3377

 7.4738, 12.8266,
10.5657

247.9995,
306.5010, 303.7995

 3.8091, 7.3092,
5.6651


297.5660,


 1.5947, 3.6562,


364.3732, 363.0962


2.5771


353.3325,
429.1070, 429.6465


 0.3890, 1.4832,
0.8806


 0.0000, 0.2769,
0.0000


 60.3399, 81.8323,
76.9049


 60.3399, 81.8323,
76.9049


 54.9127, 79.1739,
70.4513

 66.8528, 85.0465,
83.7844

 50.4983, 77.0273,
64.4087

 74.5047, 88.8374,
91.0932

 47.0255, 75.3583,
58.7690

 83.3537, 93.2368,
98.8417

 44.4102, 74.1235,
53.5218

 93.4517, 98.2716,
107.0382

■ 42.5526, 73.2717,
48.6556

94.4168, 98.7336,
108.6889

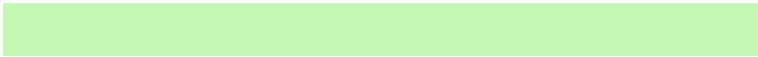
■ 41.2909, 72.7195,
44.1559

■ 41.2820, 72.7156,
44.1217

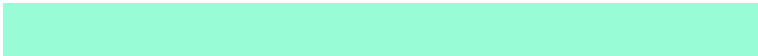
Harmonies

Analogous

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



64.4586, 81.8323, 56.1022



60.3399, 81.8323, 76.9049



60.5953, 81.8323, 106.1098

Triad

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



60.3399, 81.8323, 76.9049



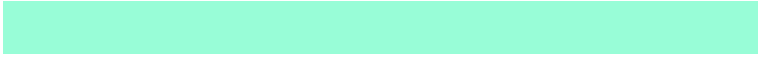
83.5110, 81.8323, 153.8232



91.8936, 81.8323, 54.3838

Complementary

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



60.3399, 81.8323, 76.9049



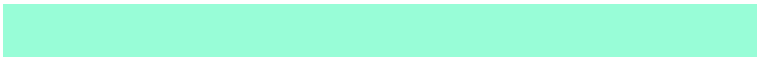
61.0333, 47.0588, 54.5848

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.



97.9386, 81.8323, 74.0153



60.3399, 81.8323, 76.9049



92.8189, 81.8323, 133.0177

Square

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



60.3399, 81.8323, 76.9049



73.3949, 81.8323, 155.0715



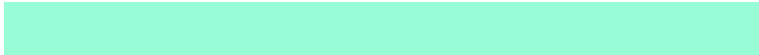
98.2912, 81.8323, 102.5238



82.3346, 81.8323, 45.1321

Rectangle

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



60.3399, 81.8323, 76.9049



63.2039, 81.8323, 126.7372



98.2912, 81.8323, 102.5238



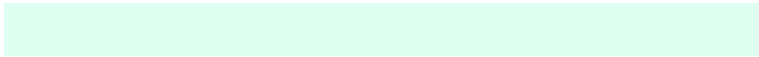
94.4388, 81.8323, 59.7685

Sweetspot

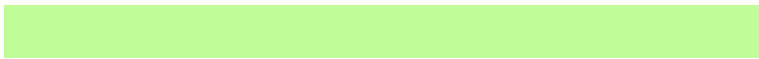
The Sweet Spot groups the original color and five complimentary colors.



60.3422, 81.8356, 76.9068



82.8758, 93.9318, 98.9424



62.2100, 83.5608, 42.5569



17.4790, 19.9760, 20.9542



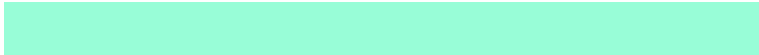
0.0000, 0.0000, 0.0000



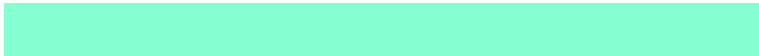
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3422, 81.8356, 76.9068



56.8718, 81.0748, 72.9381



62.2006, 76.8094, 104.4799



18.2481, 20.3588, 21.6093



22.0326, 38.7096, 23.8549



2.1983, 3.7903, 2.6022

Inverse Universe

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



61.0333, 47.0588, 54.5848



57.6746, 41.1664, 47.3707



59.4147, 49.6251, 36.1540



18.2921, 18.1001, 20.1552



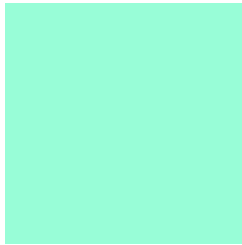
22.7172, 11.5762, 7.1610



2.2629, 1.1475, 0.9656

Previews

White Background



This preview shows how the XYZ color 60.3399, 81.8323, 76.9049 looks on a white background.

Color Contrast Check

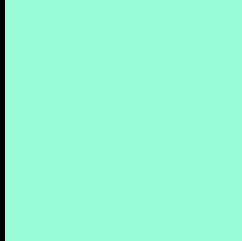
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.3399, 81.8323, 76.9049 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](#).

XYZ 60.3399, 81.8323, 76.9049

Background



This preview shows how black text looks on a background with the XYZ color 60.3399, 81.8323, 76.9049.



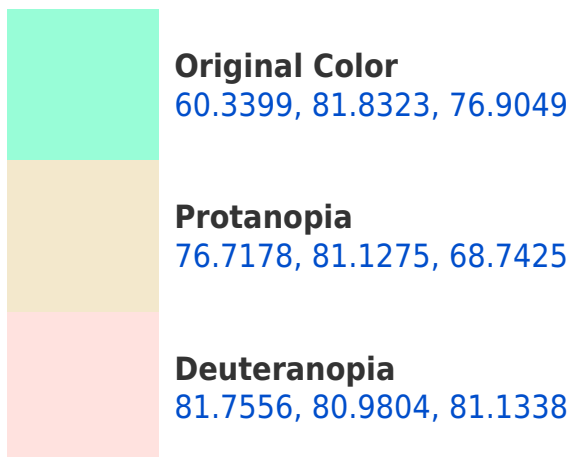
This preview shows how white text looks on a background with the XYZ color 60.3399, 81.8323,

76.9049.

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





Tritanopia

70.9912, 81.2070, 106.5406

Trichromacy



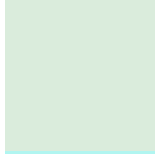
Original Color

60.3399, 81.8323, 76.9049



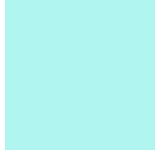
Protanomaly

69.1236, 80.5759, 71.5840



Deuteranomaly

71.8272, 80.0636, 79.3783



Tritanomaly

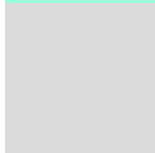
66.5120, 80.9432, 94.5561

Monochromacy



Original Color

60.3399, 81.8323, 76.9049



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.3484, 73.6309, 76.5190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3399, 81.8323, 76.9049 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(152, 253, 215)` looks like.

```
.text, #text, p{  
    color:rgb(152, 253, 215)  
}
```

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(152, 253, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 253, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.3399, 81.8323, 76.9049 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(152, 253, 215) }
```


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

```
.border{ border-color:rgb(152, 253, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 253, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 253, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 253, 215);  
box-shadow:4px 4px 4px 4px rgb(152, 253,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3399, 81.8323, 76.9049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 253, 215) }
```

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

```
.background{ background-color: rgb(152,  
253, 215) }
```

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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