

Converting Colors

XYZ(63.9747, 82.3342, 75.9474)

Have a look what the booklet for
XYZ(63.9747, 82.3342, 75.9474)
contains.

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Color

**XYZ(64.0024, 82.3402,
76.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	AFFAD6
RGB	175, 250, 214
RGB Percent	69%, 98%, 84%
CMY	0.3137, 0.0196, 0.1608
CMYK	0.30, 0.00, 0.14, 0.02
HSL	151°, 88%, 83%
HSV	151°, 30%, 98%
XYZ	64.0024, 82.3402, 76.1383
YIQ	223.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

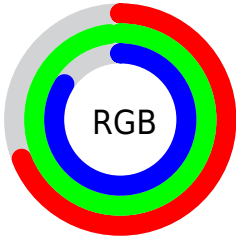
Format	Color
RYB	175, 224, 250
Decimal	11533014
CIELab	92.72, -30.39, 9.94
CIELCh	93, 31.974, 161.892
Yxy	82.3402, 0.2877, 0.3701
Android (android.graphics.Color)	4289723094 (0xFFAFFAD6)
YUV	223.4710, -4.6692, -42.5091
Hunter-Lab	90.7415, -32.8968, 13.7707

Details

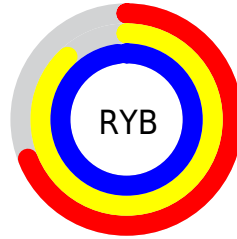
The XYZ color **64.0024, 82.3402, 76.1383** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.5150, 55.6891, 68.8747**, and the grayscale version is **70.5252, 74.1980, 80.8016**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **33.0737, 44.6362, 39.6734** is the 20% darker color. If you saturate the color by 10%, you get **57.4259, 79.1228, 68.1234**, and if you desaturate by 10%, it is **71.7351, 86.1451, 84.8003**.

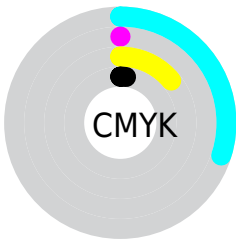
Distribution



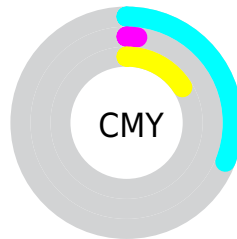
- Red (69%)
- Green (98%)
- Blue (84%)



- Red (69%)
- Yellow (88%)
- Blue (98%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (31%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0024, 82.3402, 76.1383 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 64.0024, 82.3402, 76.1383 by changing the saturation by 10% instead.


 64.0024, 82.3402,
76.1383

 64.0024, 82.3402,
76.1383


428.8004,
502.7849, 501.1804

 46.9143, 61.6460,
56.0386


 109.6881,
136.6510, 129.6843

 33.1756, 44.7467,
39.8297


139.0164,
171.0363, 163.9676

 22.4209, 31.2580,
27.0930


173.1555,
210.7542, 203.8159

 14.2848, 20.7954,
17.4100

212.4708,
256.1890, 249.6476

 8.4020, 12.9745,
10.3622

257.3276,
307.7250, 301.8814

 4.4072, 7.4110,
5.5310


308.0912,


 1.9350, 3.7204,


365.7468, 360.9358


2.4979


365.1270,
430.6386, 427.2293


 0.5971, 1.5184,
0.8391


 0.0000, 0.3017,
0.0000


 64.0024, 82.3402,
76.1383


 64.0024, 82.3402,
76.1383


 57.4259, 79.1228,
68.1234


 71.7351, 86.1451,
84.8003


 51.9391, 76.4520,
60.7347

 80.6726, 90.5556,
94.1187

 47.4786, 74.2979,
53.9579

 90.8688, 95.6013,
104.1096

 43.9716, 72.6232,
47.7760

 93.4771, 96.8542,
108.3757

■ 41.3351, 71.3854,
42.1712

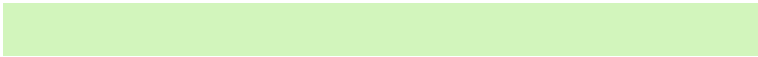
■ 39.4703, 70.5338,
37.1242

■ 38.2162, 69.9859,
32.6125

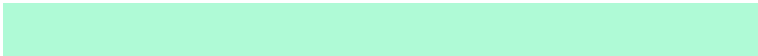
Harmonies

Analogous

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



68.0455, 82.3402, 59.6564



64.0024, 82.3402, 76.1383



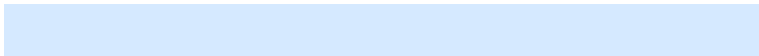
63.6101, 82.3402, 99.4446

Triad

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



64.0024, 82.3402, 76.1383



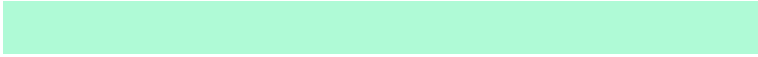
81.6096, 82.3402, 142.4563



90.8022, 82.3402, 62.3776

Complementary

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



64.0024, 82.3402, 76.1383



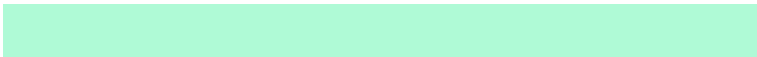
66.5150, 55.6891, 68.8747

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.



95.0067, 82.3402, 80.5290



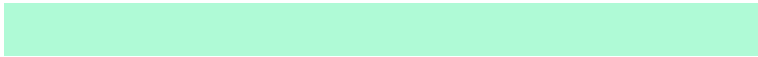
64.0024, 82.3402, 76.1383



89.4529, 82.3402, 128.3250

Square

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



64.0024, 82.3402, 76.1383



73.3880, 82.3402, 140.7104



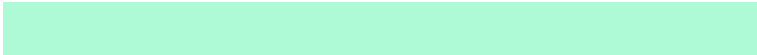
94.4961, 82.3402, 104.6825



83.3469, 82.3402, 52.7370

Rectangle

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



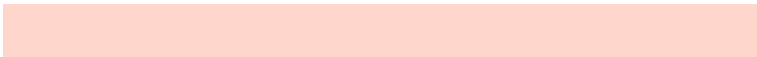
64.0024, 82.3402, 76.1383



65.4338, 82.3402, 116.1421



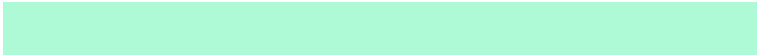
94.4961, 82.3402, 104.6825



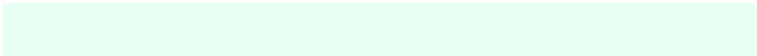
92.6657, 82.3402, 67.5353

Sweetspot

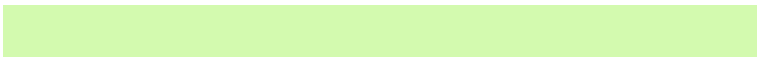
The Sweet Spot groups the original color and five complimentary colors.



64.0047, 82.3436, 76.1402



85.3816, 95.2148, 99.4530



68.8619, 85.3558, 53.4045



17.9624, 20.2253, 20.9717



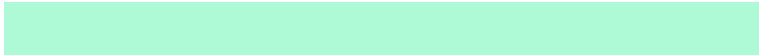
0.0000, 0.0000, 0.0000



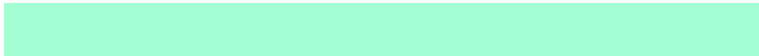
20.3446, 21.4041, 23.3091

Same Dimension

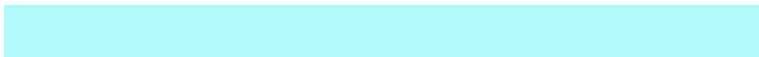
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0047, 82.3436, 76.1402



62.6548, 84.0275, 74.5013



68.7357, 83.6165, 102.9633



17.3943, 19.4600, 20.2771



20.3434, 37.1504, 17.6835



1.9377, 3.4622, 1.9200

Inverse Universe

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



66.5150, 55.6891, 68.8747



65.6678, 52.0435, 65.7864



62.7390, 54.5698, 47.7849



17.5917, 17.3640, 19.7054



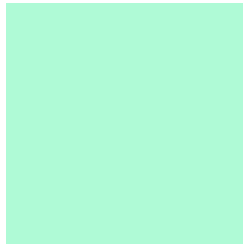
22.7822, 11.5286, 10.8273



2.1633, 1.0890, 1.2832

Previews

White Background



This preview shows how the XYZ color 64.0024, 82.3402, 76.1383 looks on a white background.

Color Contrast Check

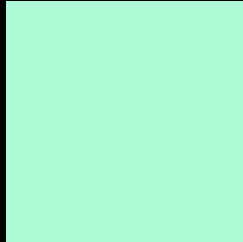
Large Text (above 18pt) WCAG AA × Fail

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 64.0024, 82.3402, 76.1383 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

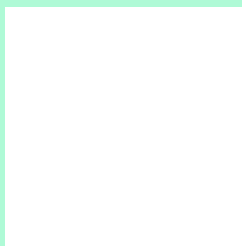
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0024, 82.3402, 76.1383

Background



This preview shows how black text looks on a background with the XYZ color 64.0024, 82.3402, 76.1383.

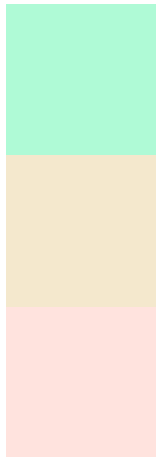


This preview shows how white text looks on a background with the XYZ color 64.0024, 82.3402,

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

64.0024, 82.3402, 76.1383

Protanopia

77.1843, 81.3541, 69.3925

Deuteranopia

81.8939, 81.4721, 80.5167



Tritanopia

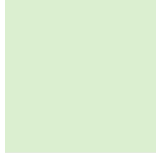
73.0295, 81.8195, 106.5514

Trichromacy



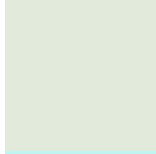
Original Color

64.0024, 82.3402, 76.1383



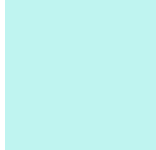
Protanomaly

71.4651, 81.3471, 71.6095



Deuteranomaly

73.8585, 80.6999, 78.7017



Tritanomaly

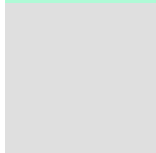
69.5647, 82.0690, 94.6125

Monochromacy



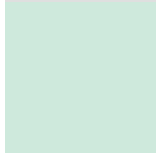
Original Color

64.0024, 82.3402, 76.1383



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

67.5108, 76.5669, 78.9308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0024, 82.3402, 76.1383 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(175, 250, 214)` looks like.

```
.text, #text, p{  
    color:rgb(175, 250, 214)  
}
```

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(175, 250, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 250, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.0024, 82.3402, 76.1383 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(175, 250, 214) }
```


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

```
.border{ border-color:rgb(175, 250, 214) }
```

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

Here you see how a box with a 4 pixel rgb(175, 250, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 250, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 250, 214);  
box-shadow:4px 4px 4px 4px rgb(175, 250,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0024, 82.3402, 76.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 250, 214) }
```

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

```
.background{ background-color: rgb(175,  
250, 214) }
```

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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