

Converting Colors

XYZ(64.5903, 83.1029, 79.1768)

Have a look what the booklet for
XYZ(64.5903, 83.1029, 79.1768)
contains.

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Color

**XYZ(64.6076, 83.0550,
78.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFBDA
RGB	174, 251, 218
RGB Percent	68%, 98%, 85%
CMY	0.3176, 0.0157, 0.1451
CMYK	0.31, 0.00, 0.13, 0.02
HSL	154°, 91%, 83%
HSV	154°, 31%, 98%
XYZ	64.6076, 83.0550, 78.9557
YIQ	224.2150, -35.2990, -26.5870

Conversions

Conversions Part 2

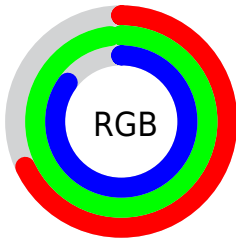
Format	Color
RYB	174, 223, 251
Decimal	11467738
CIELab	93.04, -30.37, 8.32
CIELCh	93, 31.484, 164.685
Yxy	83.0550, 0.2851, 0.3665
Android (android.graphics.Color)	4289657818 (0xFFFAEFBDA)
YUV	224.2150, -3.0640, -44.0386
Hunter-Lab	91.1345, -32.9422, 12.4274

Details

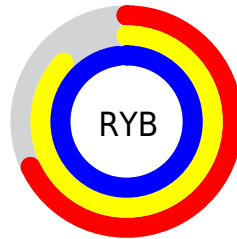
The XYZ color **64.6076, 83.0550, 78.9557** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.1850, 55.2883, 66.2182**, and the grayscale version is **71.0464, 74.7463, 81.3988**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **33.5104, 45.1499, 41.5989** is the 20% darker color. If you saturate the color by 10%, you get **58.1676, 79.8947, 71.5435**, and if you desaturate by 10%, it is **72.1885, 86.7973, 86.9019**.

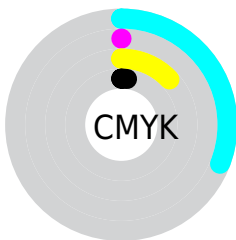
Distribution



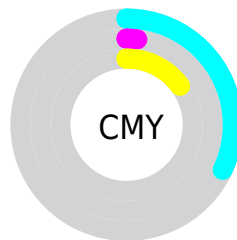
- Red (68%)
- Green (98%)
- Blue (85%)



- Red (68%)
- Yellow (87%)
- Blue (98%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (32%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6076, 83.0550, 78.9557 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 64.6076, 83.0550, 78.9557 by changing the saturation by 10% instead.

 64.6076, 83.0550,
78.9557

 64.6076, 83.0550,
78.9557


430.9480,
505.1698, 511.0201

 47.4065, 62.2355,
58.3383


 110.5544,
137.6525, 133.6946

 33.5664, 45.2230,
41.6642


140.0307,
172.1993, 168.6532

 22.7220, 31.6331,
28.5148

174.3296,
212.0907, 209.2292

 14.5079, 21.0814,
18.4717

213.8162,
257.7110, 255.8412

 8.5588, 13.1835,
11.1162

258.8560,
309.4447, 308.9078

 4.5094, 7.5551,
6.0299

309.8144,

 1.9941, 3.8116,

367.6761, 368.8474

2.7942

367.0566,
432.7897, 436.0787

■ 0.6307, 1.5687,
0.9905

■ 0.0000, 0.3364,
0.0000

■ 64.6076, 83.0550,
78.9557

■ 64.6076, 83.0550,
78.9557

■ 58.1676, 79.8947,
71.5435

■ 72.1885, 86.7973,
86.9019

■ 52.8014, 77.2754,
64.6478

■ 80.9588, 91.1399,
95.3878

■ 48.4457, 75.1669,
58.2583

■ 90.9726, 96.1125,
104.4261

■ 45.0270, 73.5314,
52.3619

■ 93.7887, 97.4774,
108.4796

■ 42.4614, 72.3260,
46.9449

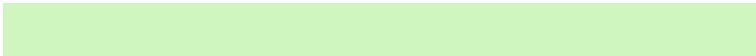
■ 40.6487, 71.4993,
41.9924

■ 39.4890, 70.9935,
37.7778

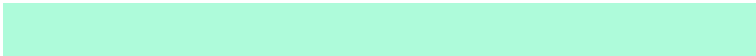
Harmonies

Analogous

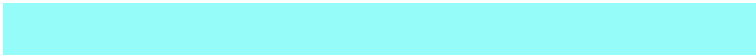
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.3026, 83.0550, 61.8236



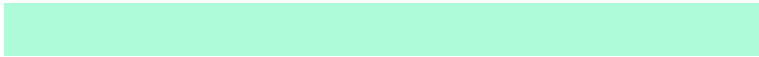
64.6076, 83.0550, 78.9557



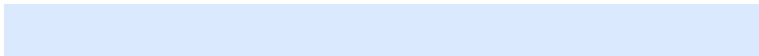
64.5682, 83.0550, 102.4468

Triad

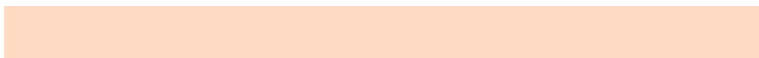
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6076, 83.0550, 78.9557



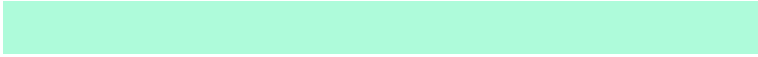
83.0318, 83.0550, 141.8871



90.7662, 83.0550, 62.0978

Complementary

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



64.6076, 83.0550, 78.9557



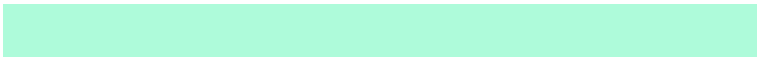
66.1850, 55.2883, 66.2182

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.



95.3033, 83.0550, 79.3968



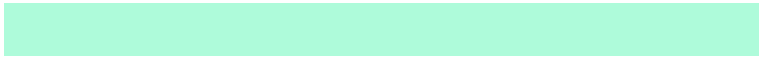
64.6076, 83.0550, 78.9557



90.6311, 83.0550, 126.7344

Square

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



64.6076, 83.0550, 78.9557



74.8249, 83.0550, 141.7128



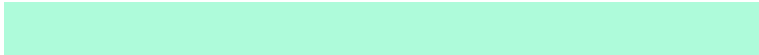
95.2521, 83.0550, 102.9714



83.2059, 83.0550, 53.3089

Rectangle

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



64.6076, 83.0550, 78.9557



66.6016, 83.0550, 118.8304



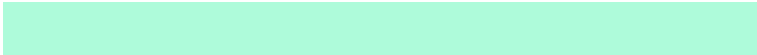
95.2521, 83.0550, 102.9714



92.7181, 83.0550, 66.9633

Sweetspot

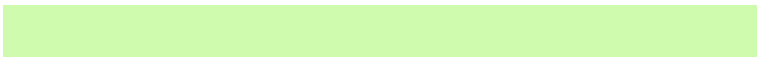
The Sweet Spot groups the original color and five complimentary colors.



64.6099, 83.0584, 78.9576



85.5614, 95.2868, 100.3999



67.9745, 85.3723, 52.9414



18.0067, 20.2430, 21.2050



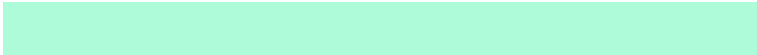
0.0000, 0.0000, 0.0000



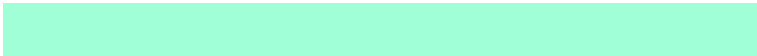
20.3446, 21.4041, 23.3091

Same Dimension

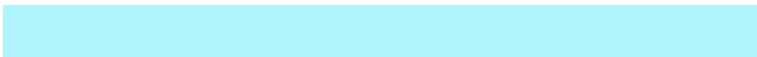
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6099, 83.0584, 78.9576



62.5970, 83.9446, 76.8991



67.7861, 81.7976, 103.4867



17.4330, 19.4755, 20.4809



20.8306, 37.3452, 20.2488



1.9824, 3.4801, 2.1550

Inverse Universe

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



66.1850, 55.2883, 66.2182



64.4768, 50.8488, 61.7291



63.5729, 55.8608, 47.4771



17.5534, 17.3487, 19.5040



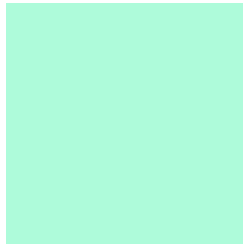
22.3925, 11.3727, 8.7751



2.1258, 1.0741, 1.0861

Previews

White Background



This preview shows how the XYZ color 64.6076, 83.0550, 78.9557 looks on a white background.

Color Contrast Check

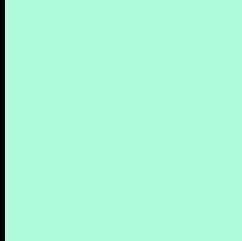
Large Text (above 18pt) WCAG AA × Fail

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 64.6076, 83.0550, 78.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

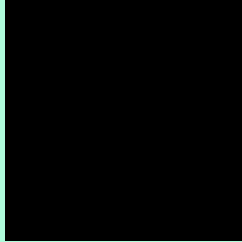
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

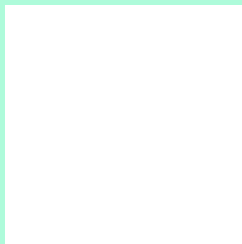
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6076, 83.0550, 78.9557

Background



This preview shows how black text looks on a background with the XYZ color 64.6076, 83.0550, 78.9557.



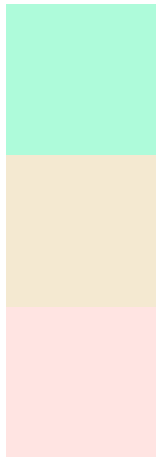
This preview shows how white text looks on a background with the XYZ color 64.6076, 83.0550,

78.9557.

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

64.6076, 83.0550, 78.9557

Protanopia

77.9558, 82.1144, 72.0626

Deuteranopia

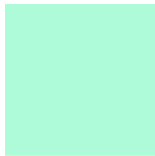
82.7109, 82.2378, 83.4657



Tritanopia

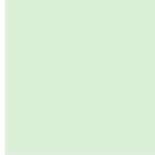
73.5927, 82.5481, 106.6624

Trichromacy



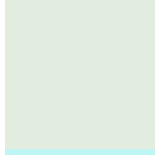
Original Color

64.6076, 83.0550, 78.9557



Protanomaly

72.2572, 82.1337, 74.3324



Deuteranomaly

74.6788, 81.4874, 81.6047



Tritanomaly

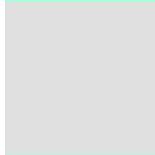
70.1653, 82.7920, 96.2867

Monochromacy



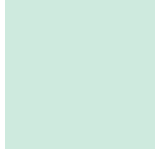
Original Color

64.6076, 83.0550, 78.9557



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.0612, 77.2414, 80.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6076, 83.0550, 78.9557 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(174, 251, 218)` looks like.

```
.text, #text, p{  
    color:rgb(174, 251, 218)  
}
```

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(174, 251, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 251, 218) }
```

Border

The CSS property to change the border of an element to XYZ 64.6076, 83.0550, 78.9557 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(174, 251, 218) }
```


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

```
.border{ border-color:rgb(174, 251, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 251, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 251, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 251, 218);  
box-shadow:4px 4px 4px 4px rgb(174, 251,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6076, 83.0550, 78.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 251, 218) }
```

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

```
.background{ background-color: rgb(174,  
251, 218) }
```

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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