

Converting Colors

XYZ(64.3064, 79.6857, 79.5989)

Have a look what the booklet for
XYZ(64.3064, 79.6857, 79.5989)
contains.

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Color

**XYZ(64.3250, 79.6924,
79.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F4DC
RGB	181, 244, 220
RGB Percent	71%, 96%, 86%
CMY	0.2902, 0.0431, 0.1372
CMYK	0.26, 0.00, 0.10, 0.04
HSL	157°, 74%, 83%
HSV	157°, 26%, 96%
XYZ	64.3250, 79.6924, 79.7020
YIQ	222.4270, -29.8440, -20.8200

Conversions

Conversions Part 2

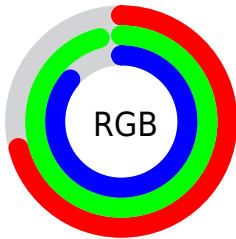
Format	Color
RYB	181, 220, 244
Decimal	11924700
CIELab	91.55, -24.58, 5.18
CIELCh	92, 25.117, 168.101
Yxy	79.6924, 0.2875, 0.3562
Android (android.graphics.Color)	4290114780 (0xFFB5F4DC)
YUV	222.4270, -1.1965, -36.3315
Hunter-Lab	89.2706, -27.6032, 9.5545

Details

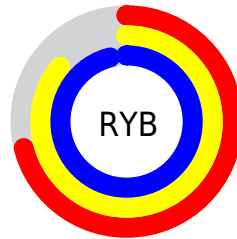
The XYZ color **64.3250, 79.6924, 79.7020** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.8543, 56.6907, 65.2852**, and the grayscale version is **69.7581, 73.3910, 79.9228**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **33.5271, 43.1951, 42.1677** is the 20% darker color. If you saturate the color by 10%, you get **57.9002, 76.5208, 73.1530**, and if you desaturate by 10%, it is **71.8247, 83.4145, 86.6621**.

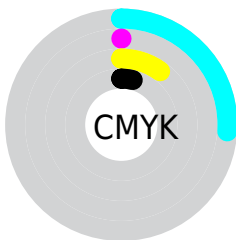
Distribution



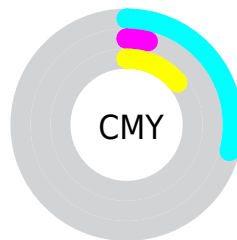
- Red (71%)
- Green (96%)
- Blue (86%)



- Red (71%)
- Yellow (86%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)




- Cyan (29%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3250, 79.6924, 79.7020 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 64.3250, 79.6924, 79.7020 by changing the saturation by 10% instead.


 64.3250, 79.6924,
79.7020

 64.3250, 79.6924,
79.7020

429.9460,
493.8956, 513.6082

 47.1766, 59.4653,
58.9484


 110.1500,
132.9332, 134.7543

 33.3838, 42.9878,
42.1519


139.5573,
166.7156, 169.8901

 22.5813, 29.8755,
28.8938


173.7816,
205.7853, 210.6571

 14.4036, 19.7441,
18.7556

213.1883,
250.5265, 257.4737

 8.4855, 12.2092,
11.3188

258.1427,
301.3238, 310.7586

 4.4616, 6.8863,
6.1648

309.0103,

 1.9664, 3.3911,

358.5615, 370.9303

2.8752

366.1562,
422.6239, 438.4074

0.6150, 1.3392,
1.0312

0.0000, 0.1712,
0.0000

64.3250, 79.6924,
79.7020

64.3250, 79.6924,
79.7020

57.9002, 76.5208,
73.1530

71.8247, 83.4145,
86.6621

52.4902, 73.8624,
67.0015

80.4422, 87.7027,
94.0360

48.0392, 71.6907,
61.2407

90.2261, 92.5841,
101.8329

44.4830, 69.9728,
55.8615

91.6421, 93.1842,
107.7640

■ 41.7491, 68.6714,
50.8544

■ 39.7529, 67.7431,
46.2089

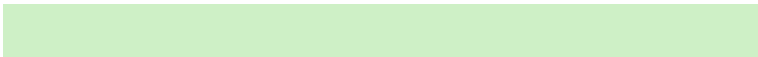
■ 38.3902, 67.1342,
41.9136

■ 37.9415, 66.9400,
40.2173

Harmonies

Analogous

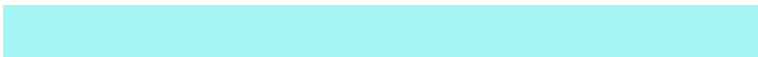
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.9456, 79.6924, 65.2890



64.3250, 79.6924, 79.7020



64.6346, 79.6924, 98.1943

Triad

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



64.3250, 79.6924, 79.7020



79.6353, 79.6924, 124.7885



84.2688, 79.6924, 63.0830

Complementary

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



64.3250, 79.6924, 79.7020



64.8543, 56.6907, 65.2852

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.



88.0613, 79.6924, 76.2708



64.3250, 79.6924, 79.7020



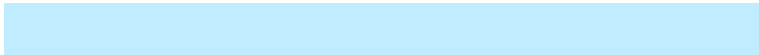
85.2841, 79.6924, 112.5144

Square

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



64.3250, 79.6924, 79.7020



73.2348, 79.6924, 126.0506



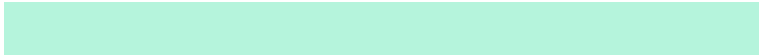
88.4430, 79.6924, 94.2471



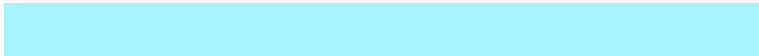
78.3124, 79.6924, 56.6390

Rectangle

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



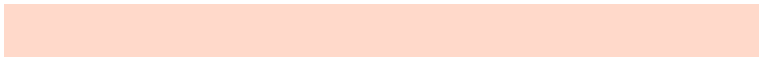
64.3250, 79.6924, 79.7020



66.4636, 79.6924, 110.3986



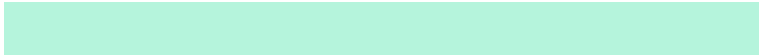
88.4430, 79.6924, 94.2471



85.8531, 79.6924, 66.7815

Sweetspot

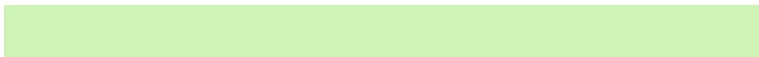
The Sweet Spot groups the original color and five complimentary colors.



64.3272, 79.6957, 79.7038



86.7127, 95.8436, 102.1096



65.9120, 81.0415, 55.8860



18.2443, 20.3573, 21.5895



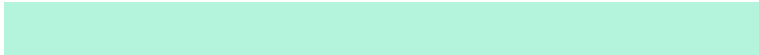
0.0000, 0.0000, 0.0000



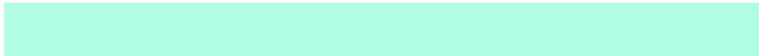
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3272, 79.6957, 79.7038



67.2279, 86.1741, 84.2406



65.5707, 76.7245, 96.9451



16.7135, 18.6445, 19.7755



20.6983, 36.4241, 22.2287



1.8692, 3.2213, 2.2169

Inverse Universe

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



64.8543, 56.6907, 65.2852



67.9042, 56.7505, 65.8101



63.7093, 58.6875, 51.6873



16.7604, 16.5870, 18.4846



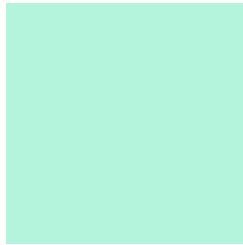
21.4209, 10.9118, 6.9250



1.9311, 0.9784, 0.8637

Previews

White Background



This preview shows how the XYZ color 64.3250, 79.6924, 79.7020 looks on a white background.

Color Contrast Check

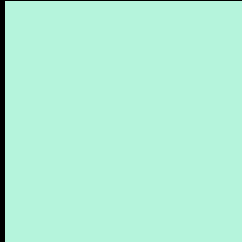
Large Text (above 18pt) WCAG AA × Fail

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 64.3250, 79.6924, 79.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

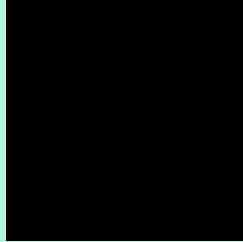
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

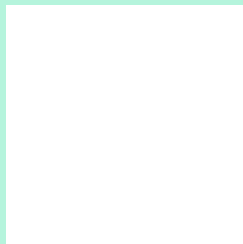
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3250, 79.6924, 79.7020

Background



This preview shows how black text looks on a background with the XYZ color 64.3250, 79.6924, 79.7020.

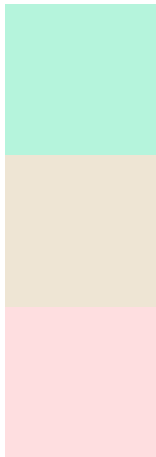


This preview shows how white text looks on a background with the XYZ color 64.3250, 79.6924,

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

64.3250, 79.6924, 79.7020

Protanopia

75.1629, 78.9692, 73.5684

Deuteranopia

80.4489, 78.6952, 81.4706



Tritanopia

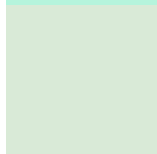
70.6169, 79.7065, 106.2707

Trichromacy



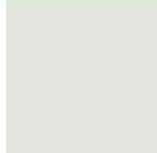
Original Color

64.3250, 79.6924, 79.7020



Protanomaly

70.3038, 78.5036, 75.7373



Deuteranomaly

73.2947, 78.2522, 81.0532



Tritanomaly

68.1734, 79.5498, 95.7659

Monochromacy



Original Color

64.3250, 79.6924, 79.7020



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

67.0801, 75.0795, 79.3629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3250, 79.6924, 79.7020 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(181, 244, 220)` looks like.

```
.text, #text, p{  
    color:rgb(181, 244, 220)  
}
```

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(181, 244, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 244, 220) }
```

Border

The CSS property to change the border of an element to XYZ 64.3250, 79.6924, 79.7020 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(181, 244, 220) }
```


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

```
.border{ border-color:rgb(181, 244, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 244, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 244, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 244, 220);  
box-shadow:4px 4px 4px 4px rgb(181, 244,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3250, 79.6924, 79.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 244, 220) }
```

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

```
.background{ background-color: rgb(181,  
244, 220) }
```

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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