

Converting Colors

XYZ(63.3130, 79.4393, 71.9347)

Have a look what the booklet for
XYZ(63.3130, 79.4393, 71.9347)
contains.

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Color

**XYZ(63.2643, 79.3227,
71.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	B7F4D0
RGB	183, 244, 208
RGB Percent	72%, 96%, 82%
CMY	0.2823, 0.0431, 0.1843
CMYK	0.25, 0.00, 0.15, 0.04
HSL	145°, 74%, 84%
HSV	145°, 25%, 96%
XYZ	63.2643, 79.3227, 71.6509
YIQ	221.6570, -24.8000, -24.1280

Conversions

Conversions Part 2

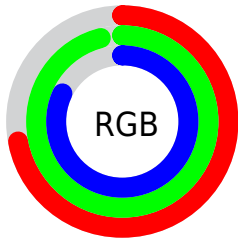
Format	Color
RYB	183, 226, 244
Decimal	12055760
CIELab	91.38, -26.29, 11.18
CIELCh	91, 28.564, 156.963
Yxy	79.3227, 0.2953, 0.3703
Android (android.graphics.Color)	4290245840 (0xFFB7F4D0)
YUV	221.6570, -6.7329, -33.9022
Hunter-Lab	89.0633, -29.0669, 14.6458

Details

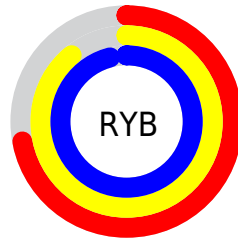
The XYZ color **63.2643, 79.3227, 71.6509** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.0307, 58.2165, 74.7253**, and the grayscale version is **69.2495, 72.8559, 79.3400**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **32.8692, 42.9667, 37.1329** is the 20% darker color. If you saturate the color by 10%, you get **56.2642, 75.9117, 62.4913**, and if you desaturate by 10%, it is **71.4358, 83.3233, 81.7085**.

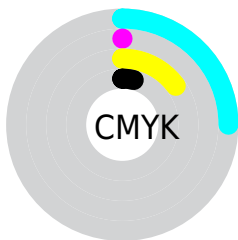
Distribution



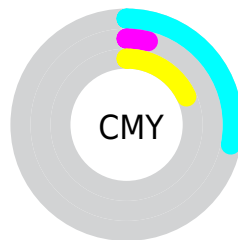
- Red (72%)
- Green (96%)
- Blue (82%)



- Red (72%)
- Yellow (89%)
- Blue (96%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)





- Cyan (28%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2643, 79.3227, 71.6509 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 63.2643, 79.3227, 71.6509 by changing the saturation by 10% instead.


 63.2643, 79.3227,
71.6509

 63.2643, 79.3227,
71.6509


426.1725,
492.6473, 485.2704

 46.3145, 59.1612,
52.3885


 108.6304,
132.4131, 123.2632

 32.6997, 42.7429,
36.9304


137.7774,
166.1107, 156.4501

 22.0547, 29.6834,
24.8583


171.7209,
205.0891, 195.1156

 14.0139, 19.5984,
15.7534

210.8262,
249.7328, 239.6782

 8.2121, 12.1035,
9.1974

255.4586,
300.4260, 290.5564

 4.2839, 6.8142,
4.7716

305.9836,

 1.8640, 3.3462,

357.5533, 348.1688

2.0575

362.7664,
421.4989, 412.9340

■ 0.5558, 1.3150,
0.5903

■ 0.0000, 0.1528,
0.0000

■ 63.2643, 79.3227,
71.6509

■ 63.2643, 79.3227,
71.6509

■ 56.2642, 75.9117,
62.4913

■ 71.4358, 83.3233,
81.7085

■ 50.3727, 73.0520,
54.1996

■ 80.8243, 87.9301,
92.6826

■ 45.5311, 70.7159,
46.7515

■ 91.0370, 92.9423,
104.5772

■ 41.6721, 68.8693,
40.1195

■ 91.6422, 93.1843,
107.7641

■ 38.7204, 67.4739,
34.2747

■ 36.5887, 66.4854,
29.1862

■ 35.1708, 65.8496,
24.8206

■ 34.6523, 65.6244,
22.8962

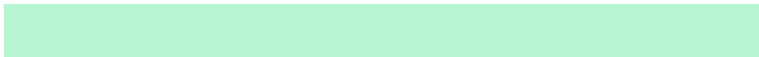
Harmonies

Analogous

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



67.3083, 79.3227, 58.2032



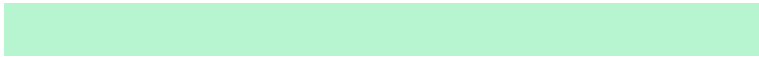
63.2643, 79.3227, 71.6509



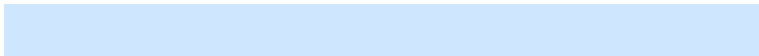
62.3698, 79.3227, 91.3064

Triad

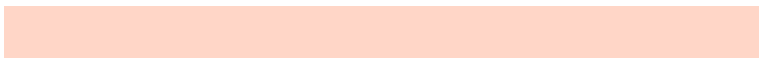
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2643, 79.3227, 71.6509



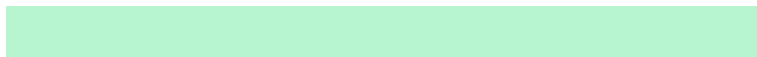
77.0987, 79.3227, 132.4370



87.1059, 79.3227, 64.4925

Complementary

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



63.2643, 79.3227, 71.6509



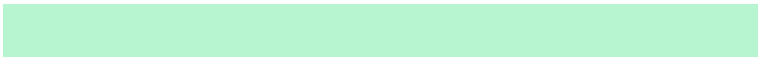
67.0307, 58.2165, 74.7253

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.



90.1154, 79.3227, 81.6128



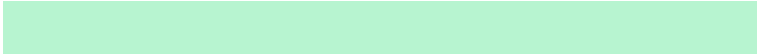
63.2643, 79.3227, 71.6509



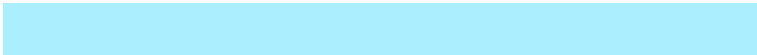
84.1023, 79.3227, 122.4099

Square

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



63.2643, 79.3227, 71.6509



70.0624, 79.3227, 128.6270



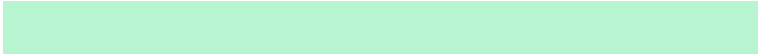
88.9824, 79.3227, 102.9759



80.9891, 79.3227, 54.5570

Rectangle

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



63.2643, 79.3227, 71.6509



63.6245, 79.3227, 105.7921



88.9824, 79.3227, 102.9759



88.5318, 79.3227, 69.4817

Sweetspot

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



63.2665, 79.3260, 71.6527



86.0607, 95.5828, 98.6760



70.2950, 83.2772, 57.1700



18.0802, 20.2916, 20.7251



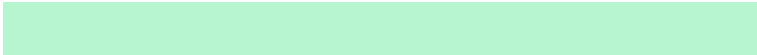
0.0000, 0.0000, 0.0000



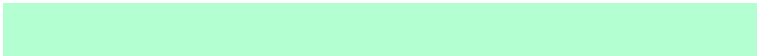
20.3446, 21.4041, 23.3091

Same Dimension

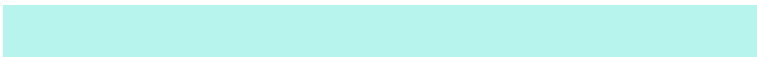
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2665, 79.3260, 71.6527



65.8493, 85.6899, 73.9446



67.2997, 80.9393, 92.8912



16.5637, 18.5846, 18.9870



18.9050, 35.7069, 12.7856



1.7113, 3.1582, 1.3855

Inverse Universe

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



67.0307, 58.2165, 74.7253



70.6671, 58.6629, 77.8703



63.4402, 56.7803, 55.8184



16.9095, 16.6467, 19.2701



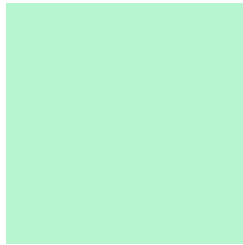
23.0932, 11.5807, 15.7309



2.0806, 1.0382, 1.6510

Previews

White Background



This preview shows how the XYZ color 63.2643, 79.3227, 71.6509 looks on a white background.

Color Contrast Check

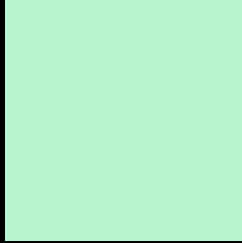
Large Text (above 18pt) WCAG AA × Fail

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 63.2643, 79.3227, 71.6509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

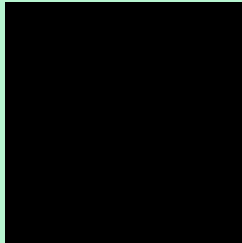
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

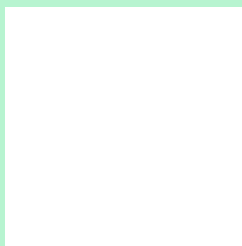
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2643, 79.3227, 71.6509

Background



This preview shows how black text looks on a background with the XYZ color 63.2643, 79.3227, 71.6509.



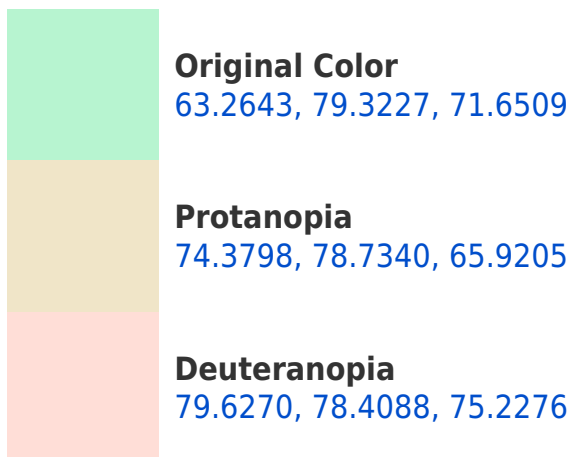
This preview shows how white text looks on a background with the XYZ color 63.2643, 79.3227,

71.6509.

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

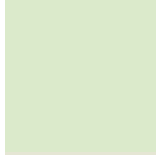
70.5823, 79.2577, 106.1859

Trichromacy



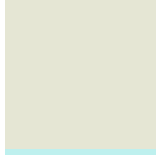
Original Color

63.2643, 79.3227, 71.6509



Protanomaly

69.4157, 78.2175, 67.9388



Deuteranomaly

72.4936, 78.0051, 73.5230



Tritanomaly

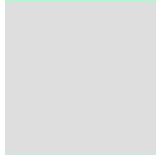
67.8279, 79.4404, 92.6475

Monochromacy



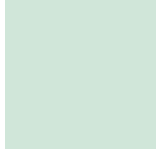
Original Color

63.2643, 79.3227, 71.6509



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.8336, 75.0133, 76.6021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2643, 79.3227, 71.6509 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(183, 244, 208)` looks like.

```
.text, #text, p{  
    color:rgb(183, 244, 208)  
}
```

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(183, 244, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 244, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.2643, 79.3227, 71.6509 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(183, 244, 208) }
```


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

```
.border{ border-color:rgb(183, 244, 208) }
```

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

Here you see how a box with a 4 pixel rgb(183, 244, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 244, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 244, 208);  
box-shadow:4px 4px 4px 4px rgb(183, 244,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2643, 79.3227, 71.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 244, 208) }
```

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

```
.background{ background-color: rgb(183,  
244, 208) }
```

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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