

Converting Colors

XYZ(63.9020, 78.1452, 79.4257)

Have a look what the booklet for
XYZ(63.9020, 78.1452, 79.4257)
contains.

XYZ(63.9020, 78.1452, 79.4257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9020, 78.1452,
79.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	B7F1DC
RGB	183, 241, 220
RGB Percent	72%, 95%, 86%
CMY	0.2823, 0.0549, 0.1372
CMYK	0.24, 0.00, 0.09, 0.05
HSL	158°, 67%, 83%
HSV	158°, 24%, 95%
XYZ	63.9020, 78.1452, 79.4257
YIQ	221.2640, -27.8270, -18.8270

Conversions

Conversions Part 2

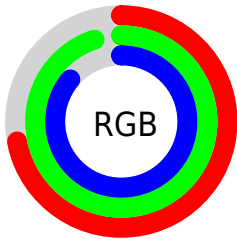
Format	Color
RYB	183, 218, 241
Decimal	12055004
CIELab	90.85, -22.52, 4.18
CIELCh	91, 22.907, 169.487
Yxy	78.1452, 0.2885, 0.3528
Android (android.graphics.Color)	4290245084 (0xFFB7F1DC)
YUV	221.2640, -0.6232, -33.5575
Hunter-Lab	88.3998, -25.6664, 8.6088

Details

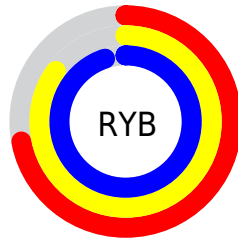
The XYZ color **63.9020, 78.1452, 79.4257** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.1109, 56.9294, 64.7394**, and the grayscale version is **68.9327, 72.5226, 78.9771**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **33.1938, 42.0817, 41.9704** is the 20% darker color. If you saturate the color by 10%, you get **57.5277, 74.9913, 73.2516**, and if you desaturate by 10%, it is **71.3225, 81.8357, 85.9671**.

Distribution



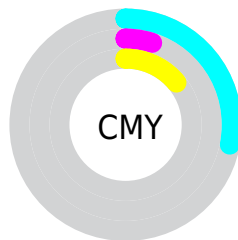
- Red (72%)
- Green (95%)
- Blue (86%)



- Red (72%)
- Yellow (85%)
- Blue (95%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)





- Cyan (28%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9020, 78.1452, 79.4257 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 63.9020, 78.1452, 79.4257 by changing the saturation by 10% instead.


 63.9020, 78.1452,
79.4257

 63.9020, 78.1452,
79.4257


428.4435,
488.6598, 512.6509

 46.8327, 58.1933,
58.7225


 109.5443,
130.7548, 134.3621

 33.1108, 41.9640,
41.9712


138.8480,
164.1812, 169.4323

 22.3710, 29.0731,
28.7534


172.9606,
202.8680, 210.1287

 14.2479, 19.1362,
18.6503

212.2473,
247.1994, 256.8697

 8.3761, 11.7687,
11.2437

257.0737,
297.5599, 310.0739

 4.3904, 6.5864,
6.1147

307.8049,

 1.9253, 3.2048,

354.3339, 370.1598

2.8451

364.8064,
417.9057, 437.5460

■ 0.5915, 1.2396,
1.0161

■ 0.0000, 0.0937,
0.0000

■ 63.9020, 78.1452,
79.4257

■ 63.9020, 78.1452,
79.4257

■ 57.5277, 74.9913,
73.2516

■ 71.3225, 81.8357,
85.9671

■ 52.1421, 72.3382,
67.4324

■ 79.8301, 86.0773,
92.8773

■ 47.6922, 70.1606,
61.9624

■ 89.3593, 90.8385,
100.1596

■ 44.1169, 68.4273,
56.8337

■ 90.7322, 91.3877,
107.3888

■ 41.3477, 67.1030,
52.0380

■ 90.7467, 91.3935,
107.4656

■ 39.3053, 66.1470,
47.5664

■ 37.8930, 65.5095,
43.4090

■ 37.2675, 65.2378,
41.0846

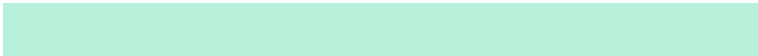
Harmonies

Analogous

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



66.1634, 78.1452, 66.0881



63.9020, 78.1452, 79.4257



64.3088, 78.1452, 96.1204

Triad

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



63.9020, 78.1452, 79.4257



78.0335, 78.1452, 118.6541



81.7096, 78.1452, 63.1652

Complementary

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



63.9020, 78.1452, 79.4257



64.1109, 56.9294, 64.7394

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.



85.2203, 78.1452, 74.9317



63.9020, 78.1452, 79.4257



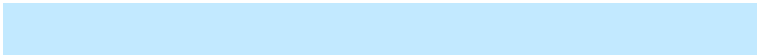
83.0232, 78.1452, 107.4168

Square

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



63.9020, 78.1452, 79.4257



72.2707, 78.1452, 120.2656



85.7131, 78.1452, 91.0108



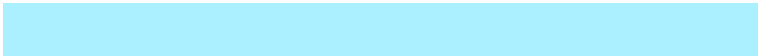
76.3153, 78.1452, 57.5389

Rectangle

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



63.9020, 78.1452, 79.4257



66.0453, 78.1452, 106.9087



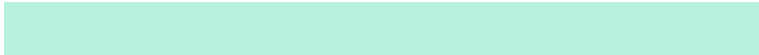
85.7131, 78.1452, 91.0108



83.1607, 78.1452, 66.4569

Sweetspot

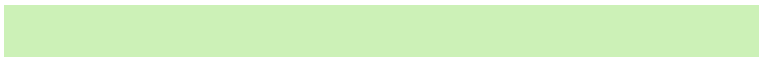
The Sweet Spot groups the original color and five complimentary colors.



63.9042, 78.1484, 79.4275



87.7618, 96.3610, 103.2179



64.9801, 79.2080, 56.6648



18.6565, 20.5613, 21.9901



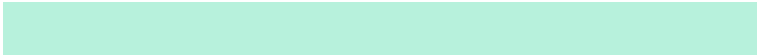
0.0000, 0.0000, 0.0000



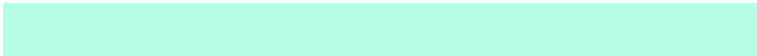
20.3446, 21.4041, 23.3091

Same Dimension

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



63.9042, 78.1484, 79.4275



68.8623, 86.9636, 86.7170



64.6226, 74.8502, 94.2645



15.9903, 17.8262, 18.9720



20.2753, 35.4021, 22.6306



1.7342, 2.9641, 2.1327

Inverse Universe

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



64.1109, 56.9294, 64.7394



69.1380, 58.8737, 67.2832



63.3980, 59.2671, 52.8992



16.0093, 15.8534, 17.6053



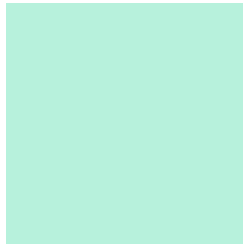
20.6691, 10.5401, 6.1742



1.7656, 0.8953, 0.7563

Previews

White Background



This preview shows how the XYZ color 63.9020, 78.1452, 79.4257 looks on a white background.

Color Contrast Check

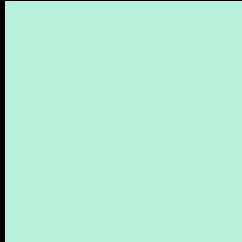
Large Text (above 18pt) WCAG AA × Fail

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 63.9020, 78.1452, 79.4257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

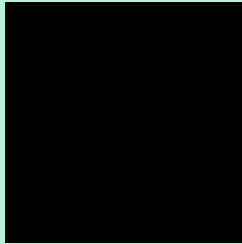
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

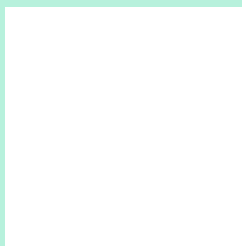
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9020, 78.1452, 79.4257

Background



This preview shows how black text looks on a background with the XYZ color 63.9020, 78.1452, 79.4257.



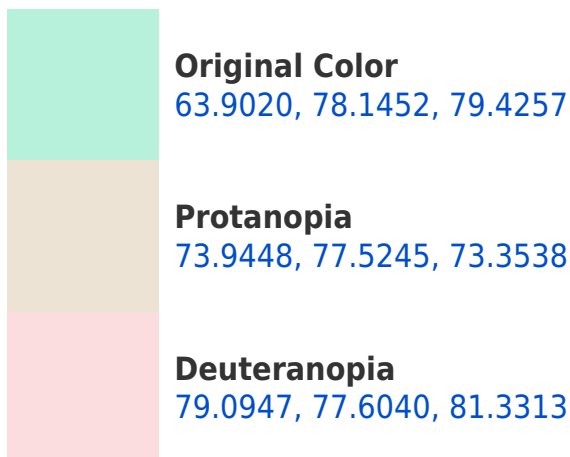
This preview shows how white text looks on a background with the XYZ color 63.9020, 78.1452,

79.4257.

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

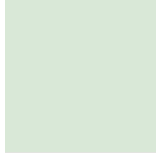
69.2807, 78.1581, 106.0423

Trichromacy



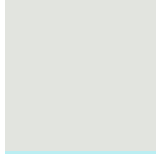
Original Color

63.9020, 78.1452, 79.4257



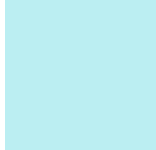
Protanomaly

69.7376, 77.3712, 75.5486



Deuteranomaly

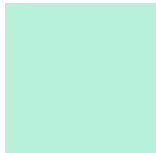
72.4267, 76.9833, 80.8540



Tritanomaly

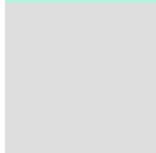
67.0951, 78.1247, 95.5477

Monochromacy



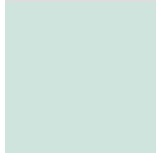
Original Color

63.9020, 78.1452, 79.4257



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

66.5267, 73.9727, 79.1784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9020, 78.1452, 79.4257 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, 241, 220)` looks like.

```
.text, #text, p{  
    color:rgb(183, 241, 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(183, 241, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 241, 220) }
```

Border

The CSS property to change the border of an element to XYZ 63.9020, 78.1452, 79.4257 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, 241, 220) }
```


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

```
.border{ border-color:rgb(183, 241, 220) }
```

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

Here you see how a box with a 4 pixel rgb(183, 241, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 241, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 241, 220);  
box-shadow:4px 4px 4px 4px rgb(183, 241,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9020, 78.1452, 79.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 241, 220) }
```

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

```
.background{ background-color: rgb(183,  
241, 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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