

Converting Colors

XYZ(61.5539, 74.1635, 79.1453)

Have a look what the booklet for
XYZ(61.5539, 74.1635, 79.1453)
contains.

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Color

**XYZ(61.8155, 74.4609,
79.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	B5EBDD
RGB	181, 235, 221
RGB Percent	71%, 92%, 87%
CMY	0.2902, 0.0784, 0.1333
CMYK	0.23, 0.00, 0.06, 0.08
HSL	164°, 57%, 82%
HSV	164°, 23%, 92%
XYZ	61.8155, 74.4609, 79.5210
YIQ	217.2580, -27.6900, -15.8020

Conversions

Conversions Part 2

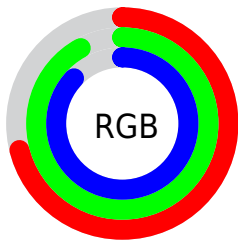
Format	Color
RYB	181, 212, 235
Decimal	11922397
CIELab	89.14, -19.99, 1.17
CIELCh	89, 20.022, 176.662
Yxy	74.4609, 0.2865, 0.3451
Android (android.graphics.Color)	4290112477 (0xFFB5EBDD)
YUV	217.2580, 1.8448, -31.7983
Hunter-Lab	86.2907, -23.1380, 5.7650

Details

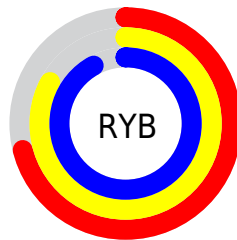
The XYZ color **61.8155, 74.4609, 79.5210** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.6377, 54.6519, 58.9857**, and the grayscale version is **66.1333, 69.5774, 75.7697**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **31.7554, 39.5054, 42.0280** is the 20% darker color. If you saturate the color by 10%, you get **55.9663, 71.5396, 75.0868**, and if you desaturate by 10%, it is **68.6278, 77.8792, 84.1573**.

Distribution



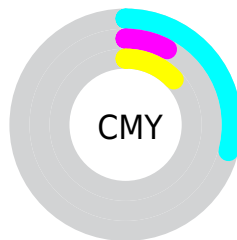
- Red (71%)
- Green (92%)
- Blue (87%)



- Red (71%)
- Yellow (83%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (29%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8155, 74.4609, 79.5210 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 61.8155, 74.4609, 79.5210 by changing the saturation by 10% instead.


 61.8155, 74.4609,
79.5210

 61.8155, 74.4609,
79.5210


420.9861,
476.0626, 512.9812

 45.1387, 55.1714,
58.8004


 106.5503,
125.5489, 134.4974

 31.7684, 39.5389,
42.0335


135.3389,
158.1162, 169.5903

 21.3394, 27.1792,
28.8018


168.8956,
195.8782, 210.3110

 13.4862, 17.7079,
18.6866

207.5856,
239.2193, 257.0781

 7.8435, 10.7405,
11.2696

251.7743,
288.5239, 310.3101

 4.0459, 5.8926,
6.1320

301.8270,

 1.7281, 2.7799,

344.1764, 370.4257

2.8554

358.1091,
406.5611, 437.8432

■ 0.4738, 1.0179,
1.0213

■ 0.0000, 0.0000,
0.0000

■ 61.8155, 74.4609,
79.5210

■ 61.8155, 74.4609,
79.5210

■ 55.9663, 71.5396,
75.0868

■ 68.6278, 77.8792,
84.1573

■ 51.0270, 69.0821,
70.8459


■ 76.4406, 81.8079,
88.9942


■ 46.9488, 67.0651,
66.7958


■ 85.2968, 86.2710,
94.0370

■ 43.6755, 65.4598,
62.9325


■ 87.4887, 87.2950,
98.9265


 41.1443, 64.2338,
59.2510

 88.4366, 87.6742,
103.9178

 39.2826, 63.3497,
55.7465

 88.9997, 87.8994,
106.8832

 38.0026, 62.7623,
52.4130

 37.3563, 62.4780,
50.1695

Harmonies

Analogous

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



63.2219, 74.4609, 67.1893



61.8155, 74.4609, 79.5210



62.7167, 74.4609, 93.7372

Triad

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



61.8155, 74.4609, 79.5210



75.0660, 74.4609, 107.5307



76.0542, 74.4609, 60.6391

Complementary

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



61.8155, 74.4609, 79.5210



60.6377, 54.6519, 58.9857

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.



79.4910, 74.4609, 69.6082



61.8155, 74.4609, 79.5210



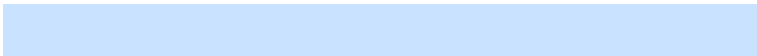
78.9023, 74.4609, 96.7536

Square

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



61.8155, 74.4609, 79.5210



70.2280, 74.4609, 110.9597



80.5562, 74.4609, 82.6496



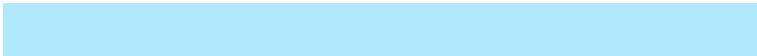
71.3205, 74.4609, 57.1050

Rectangle

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



61.8155, 74.4609, 79.5210



64.5284, 74.4609, 102.2256



80.5562, 74.4609, 82.6496



77.4077, 74.4609, 63.0641

Sweetspot

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



61.8176, 74.4640, 79.5227



88.0488, 96.4758, 104.7292



60.6603, 74.4115, 54.8829



18.7230, 20.5879, 22.3406



0.0000, 0.0000, 0.0000



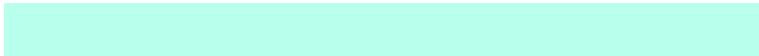
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8176, 74.4640, 79.5227



70.6425, 87.7454, 92.9407



60.2814, 68.2799, 88.6031



15.3412, 17.0513, 18.4795



20.8443, 34.7922, 28.2090



1.6756, 2.7476, 2.4197

Inverse Universe

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



60.6377, 54.6519, 58.9857



68.9717, 59.6447, 63.8254



61.8067, 59.4062, 51.9261



15.2258, 15.1182, 16.4742



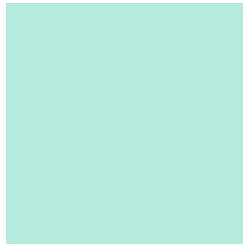
19.5798, 10.0346, 3.5886



1.5758, 0.8033, 0.4834

Previews

White Background



This preview shows how the XYZ color 61.8155, 74.4609, 79.5210 looks on a white background.

Color Contrast Check

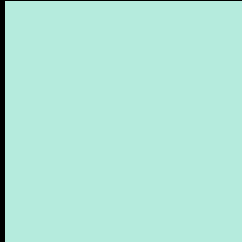
Large Text (above 18pt) WCAG AA × Fail

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 61.8155, 74.4609, 79.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

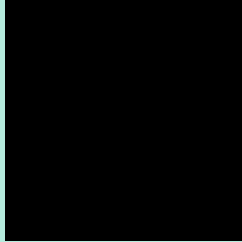
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

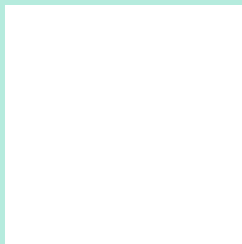
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8155, 74.4609, 79.5210

Background



This preview shows how black text looks on a background with the XYZ color 61.8155, 74.4609, 79.5210.



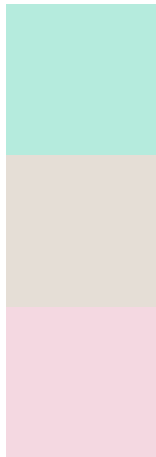
This preview shows how white text looks on a background with the XYZ color 61.8155, 74.4609,

79.5210.

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

61.8155, 74.4609, 79.5210

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

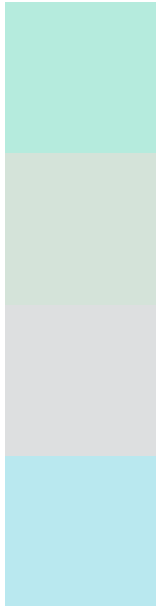
75.4547, 73.7811, 81.4984



Tritanopia

66.1683, 74.5562, 100.5259

Trichromacy



Original Color

61.8155, 74.4609, 79.5210

Protanomaly

67.1448, 73.9450, 76.3795

Deuteranomaly

69.6610, 73.5293, 81.0421

Tritanomaly

64.4442, 74.2595, 92.5983

Monochromacy



Original Color

61.8155, 74.4609, 79.5210

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.2124, 71.2106, 76.6903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8155, 74.4609, 79.5210 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, 235, 221)` looks like.

```
.text, #text, p{  
    color:rgb(181, 235, 221)  
}
```

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, 235, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 235, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.8155, 74.4609, 79.5210 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, 235, 221) }
```


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

```
.border{ border-color:rgb(181, 235, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 235, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 235, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 235, 221);  
box-shadow:4px 4px 4px 4px rgb(181, 235,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8155, 74.4609, 79.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 235, 221) }
```

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

```
.background{ background-color: rgb(181,  
235, 221) }
```

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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