

Converting Colors

XYZ(62.1133, 73.5706, 81.4152)

Have a look what the booklet for
XYZ(62.1133, 73.5706, 81.4152)
contains.

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Color

**XYZ(62.1219, 73.7269,
81.4776)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E9E0
RGB	183, 233, 224
RGB Percent	72%, 91%, 88%
CMY	0.2823, 0.0863, 0.1216
CMYK	0.21, 0.00, 0.04, 0.09
HSL	169°, 53%, 82%
HSV	169°, 21%, 91%
XYZ	62.1219, 73.7269, 81.4776
YIQ	217.0240, -26.9110, -13.3990

Conversions

Conversions Part 2

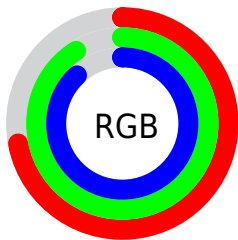
Format	Color
RYB	183, 210, 233
Decimal	12052960
CIELab	88.79, -17.78, -0.90
CIELCh	89, 17.802, 182.888
Yxy	73.7269, 0.2858, 0.3392
Android (android.graphics.Color)	4290243040 (0xFFB7E9E0)
YUV	217.0240, 3.4392, -29.8390
Hunter-Lab	85.8644, -21.1199, 3.8442

Details

The XYZ color **62.1219, 73.7269, 81.4776** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.0548, 54.9984, 57.3227**, and the grayscale version is **65.9619, 69.3970, 75.5733**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **31.9368, 38.9760, 43.3760** is the 20% darker color. If you saturate the color by 10%, you get **56.4705, 70.8804, 78.2808**, and if you desaturate by 10%, it is **68.7089, 77.0580, 84.7946**.

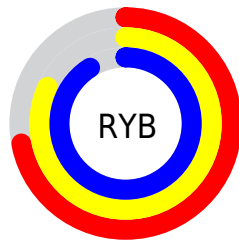
Distribution



Red (72%)

Green (91%)

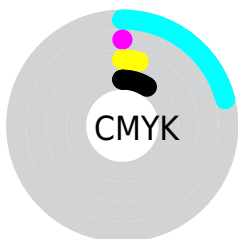
Blue (88%)



Red (72%)

Yellow (82%)

Blue (91%)

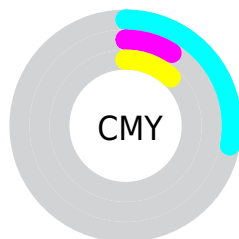


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (28%)

Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1219, 73.7269, 81.4776 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 62.1219, 73.7269, 81.4776 by changing the saturation by 10% instead.

62.1219, 73.7269,
81.4776

62.1219, 73.7269,
81.4776

422.0861,
473.5303, 519.7361

45.3872, 54.5705,
60.4017

106.9906,
124.5086, 137.2713

31.9651, 39.0580,
43.3151

135.8554,
156.9027, 172.8262

21.4902, 26.8048,
29.7992

169.4941,
194.4782, 214.0445

13.5973, 17.4267,
19.4355

208.2723,
237.6195, 261.3447

7.9210, 10.5392,
11.8054

252.5552,
286.7110, 315.1455

4.0958, 5.7579,
6.4904

302.7083,

1.7565, 2.6984,

342.1370, 375.8653

3.0719

359.0968,
404.2819, 443.9226

■ 0.4912, 0.9764,
1.1315

■ 0.0000, 0.0000,
0.0000

■ 62.1219, 73.7269,
81.4776

■ 62.1219, 73.7269,
81.4776

■ 56.4705, 70.8804,
78.2808

■ 68.7089, 77.0580,
84.7946

■ 51.7033, 68.4862,
75.1966


■ 76.2675, 80.8864,
88.2293


■ 47.7734, 66.5219,
72.2239


■ 84.8390, 85.2354,
91.7857


■ 44.6268, 64.9599,
69.3595


■ 86.2250, 85.8783,
95.0807


 42.2034, 63.7692,
66.6002


 86.8583, 86.1317,
98.4157


 40.4340, 62.9140,
63.9421

 87.5061, 86.3908,
101.8273

 39.2358, 62.3518,
61.3808

 88.1686, 86.6558,
105.3158

 38.5499, 62.0443,
59.2643

 88.4302, 86.7605,
106.6934

Harmonies

Analogous

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



62.9560, 73.7269, 69.9407



62.1219, 73.7269, 81.4776



63.3455, 73.7269, 93.8622

Triad

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



62.1219, 73.7269, 81.4776



74.6711, 73.7269, 101.8956



73.9193, 73.7269, 60.9532

Complementary

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



62.1219, 73.7269, 81.4776



60.0548, 54.9984, 57.3227

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.



77.2654, 73.7269, 68.0686



62.1219, 73.7269, 81.4776



77.7118, 73.7269, 91.5826

Square

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



62.1219, 73.7269, 81.4776



70.4935, 73.7269, 106.3828



78.6799, 73.7269, 79.0864



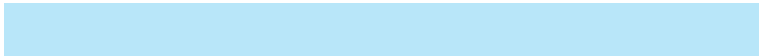
69.6586, 73.7269, 58.8333

Rectangle

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



62.1219, 73.7269, 81.4776



65.1940, 73.7269, 100.7242



78.6799, 73.7269, 79.0864



75.1941, 73.7269, 62.8015

Sweetspot

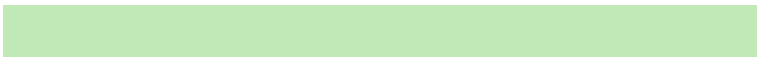
The Sweet Spot groups the original color and five complimentary colors.



62.1240, 73.7299, 81.4793



89.2030, 97.0366, 106.3278



59.4689, 72.9280, 55.7432



18.9627, 20.7038, 22.6993



0.0000, 0.0000, 0.0000



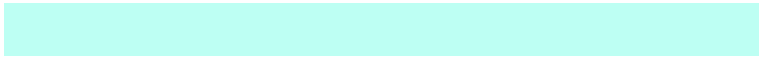
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1240, 73.7299, 81.4793



72.8591, 88.7753, 98.1389



59.0945, 65.6647, 86.6542



15.3945, 17.0726, 18.7604



21.9152, 35.2205, 33.8481



1.7512, 2.7778, 2.8177

Inverse Universe

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



60.0548, 54.9984, 57.3227



69.8731, 61.7262, 63.2666



62.5391, 61.5150, 53.3785



15.1762, 15.0983, 16.2132



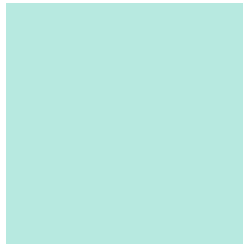
19.3367, 9.9374, 2.3084



1.5501, 0.7930, 0.3482

Previews

White Background



This preview shows how the XYZ color 62.1219, 73.7269, 81.4776 looks on a white background.

Color Contrast Check

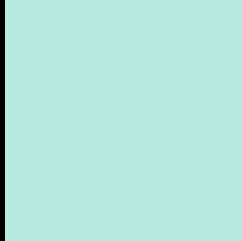
Large Text (above 18pt) WCAG AA × Fail

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 62.1219, 73.7269, 81.4776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

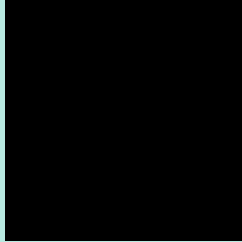
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

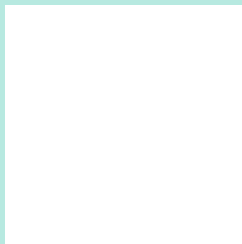
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1219, 73.7269, 81.4776

Background



This preview shows how black text looks on a background with the XYZ color 62.1219, 73.7269, 81.4776.



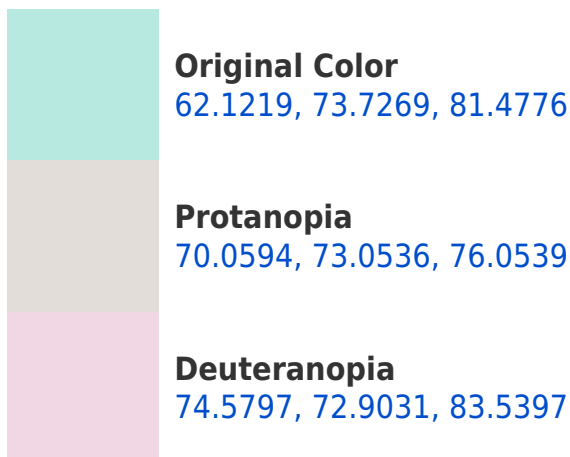
This preview shows how white text looks on a background with the XYZ color 62.1219, 73.7269,

81.4776.

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

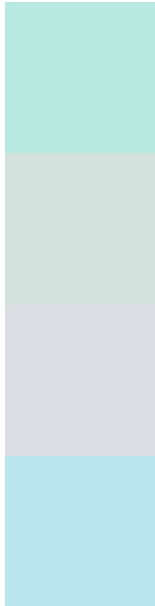




Tritanopia

65.7016, 73.5073, 99.5324

Trichromacy



Original Color

62.1219, 73.7269, 81.4776

Protanomaly

66.7074, 72.8666, 78.2590

Deuteranomaly

69.5016, 73.0042, 83.1011

Tritanomaly

64.1265, 73.2647, 92.4230

Monochromacy



Original Color

62.1219, 73.7269, 81.4776

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.4828, 70.9218, 78.0008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1219, 73.7269, 81.4776 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, 233, 224)` looks like.

```
.text, #text, p{  
    color:rgb(183, 233, 224)  
}
```

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, 233, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 233, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.1219, 73.7269, 81.4776 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, 233, 224) }
```


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

```
.border{ border-color:rgb(183, 233, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 233, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 233, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 233, 224);  
box-shadow:4px 4px 4px 4px rgb(183, 233,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1219, 73.7269, 81.4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 233, 224) }
```

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

```
.background{ background-color: rgb(183,  
233, 224) }
```

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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