

Converting Colors

XYZ(62.4192, 72.2162, 77.0637)

Have a look what the booklet for
XYZ(62.4192, 72.2162, 77.0637)
contains.

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Color

**XYZ(62.4124, 72.3070,
76.9968)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E5DA
RGB	192, 229, 218
RGB Percent	75%, 90%, 85%
CMY	0.2471, 0.1019, 0.1451
CMYK	0.16, 0.00, 0.05, 0.10
HSL	162°, 42%, 83%
HSV	162°, 16%, 90%
XYZ	62.4124, 72.3070, 76.9968
YIQ	216.6830, -18.5210, -11.2650

Conversions

Conversions Part 2

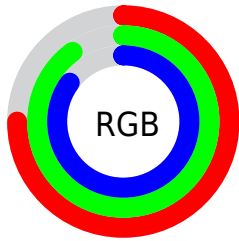
Format	Color
RYB	192, 214, 229
Decimal	12641754
CIELab	88.12, -14.19, 1.33
CIELCh	88, 14.247, 174.655
Yxy	72.3070, 0.2948, 0.3415
Android (android.graphics.Color)	4290831834 (0xFFC0E5DA)
YUV	216.6830, 0.6493, -21.6470
Hunter-Lab	85.0335, -17.7943, 5.8371

Details

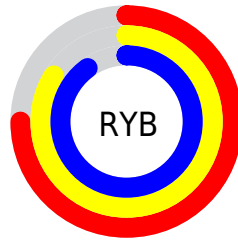
The XYZ color **62.4124, 72.3070, 76.9968** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.9448, 58.6710, 64.5629**, and the grayscale version is **65.7428, 69.1665, 75.3223**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **32.0357, 37.9348, 40.2840** is the 20% darker color. If you saturate the color by 10%, you get **56.1865, 69.2003, 72.1499**, and if you desaturate by 10%, it is **69.5812, 75.8995, 82.0820**.

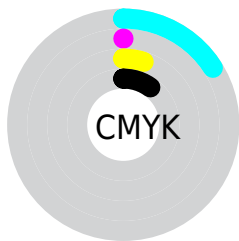
Distribution



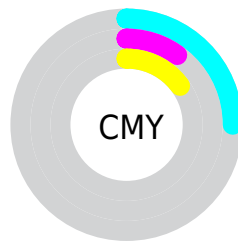
- Red (75%)
- Green (90%)
- Blue (85%)



- Red (75%)
- Yellow (84%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4124, 72.3070, 76.9968 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 62.4124, 72.3070, 76.9968 by changing the saturation by 10% instead.

62.4124, 72.3070,
76.9968

62.4124, 72.3070,
76.9968

423.1274,
468.6095, 504.1905

45.6229, 53.4095,
56.7387

107.4079,
122.4929, 130.9079

32.1517, 38.1298,
40.3875

136.3446,
154.5501, 165.3981

21.6335, 26.0834,
27.5247

170.0611,
191.7626, 205.4693

13.7029, 16.8861,
17.7318

208.9227,
234.5149, 251.5401

7.9947, 10.1533,
10.5902

253.2948,
283.1914, 304.0291

4.1433, 5.5007,
5.6813

303.5427,

1.7835, 2.5439,

338.1763, 363.3548

2.5866

360.0318,
399.8542, 429.9357

■ 0.5077, 0.8986,
0.8855

■ 0.0000, 0.0000,
0.0000

■ 62.4124, 72.3070,
76.9968

■ 62.4124, 72.3070,
76.9968

■ 56.1865, 69.2003,
72.1499

■ 69.5812, 75.8995,
82.0820

■ 50.8555, 66.5487,
67.5322

■ 77.7261, 79.9890,
87.4048

■ 46.3759, 64.3319,
63.1410

■ 84.7566, 83.4997,
92.8709

■ 42.6984, 62.5246,
58.9715

■ 85.7788, 83.9085,
98.2536

■ 39.7685, 61.0986,
55.0189

■ 86.8392, 84.3327,
103.8379

■ 37.5244, 60.0223,
51.2777

■ 87.3106, 84.5213,
106.3202

■ 35.8943, 59.2585,
47.7422

■ 34.7887, 58.7612,
44.4056

■ 34.4455, 58.6112,
43.1733

Harmonies

Analogous

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



63.5236, 72.3070, 68.3760



62.4124, 72.3070, 76.9968



62.9468, 72.3070, 86.8118

Triad

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



62.4124, 72.3070, 76.9968



71.4925, 72.3070, 97.0254



72.5821, 72.3070, 64.4078

Complementary

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



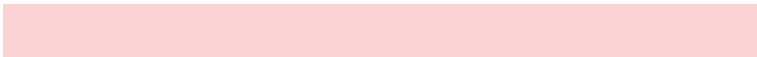
62.4124, 72.3070, 76.9968



61.9448, 58.6710, 64.5629

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.



74.8477, 72.3070, 71.1661



62.4124, 72.3070, 76.9968



74.2042, 72.3070, 90.0799

Square

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



62.4124, 72.3070, 76.9968



68.1177, 72.3070, 98.9082



75.4509, 72.3070, 80.4891



69.3371, 72.3070, 61.5017

Rectangle

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



62.4124, 72.3070, 76.9968



64.1739, 72.3070, 92.6540



75.4509, 72.3070, 80.4891



73.4877, 72.3070, 66.2760

Sweetspot

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



62.4144, 72.3100, 76.9984



89.9093, 97.4197, 105.5045



62.1919, 72.5581, 60.5975



19.0951, 20.7770, 22.4815



0.0000, 0.0000, 0.0000



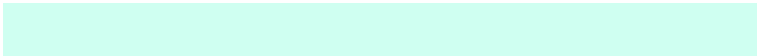
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4144, 72.3100, 76.9984



77.1830, 91.0472, 96.4065



61.8985, 68.8967, 84.1682



14.6153, 16.2595, 17.5047



19.7487, 33.5316, 24.9748



1.4997, 2.4940, 2.0582

Inverse Universe

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



61.9448, 58.6710, 64.5629



76.4894, 70.8861, 78.0276



62.3454, 61.4970, 58.4544



14.5525, 14.4382, 15.8436



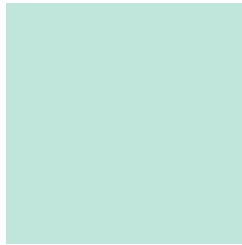
19.1195, 9.7820, 4.2581



1.4526, 0.7388, 0.5242

Previews

White Background



This preview shows how the XYZ color 62.4124, 72.3070, 76.9968 looks on a white background.

Color Contrast Check

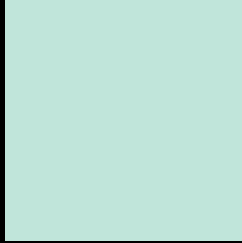
Large Text (above 18pt) WCAG AA × Fail

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 62.4124, 72.3070, 76.9968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

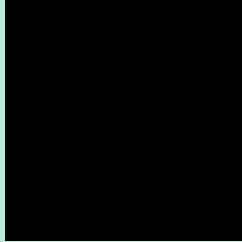
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

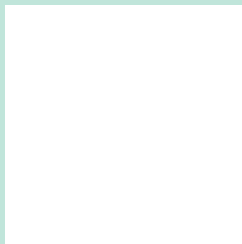
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4124, 72.3070, 76.9968

Background



This preview shows how black text looks on a background with the XYZ color 62.4124, 72.3070, 76.9968.

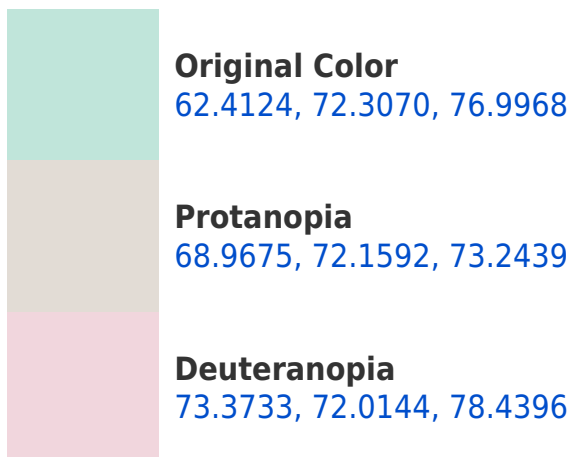


This preview shows how white text looks on a background with the XYZ color 62.4124, 72.3070,

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

66.1288, 72.1918, 95.2431

Trichromacy



Original Color

62.4124, 72.3070, 76.9968

Protanomaly

66.3850, 71.9778, 74.6842

Deuteranomaly

68.6812, 71.5183, 77.8947

Tritanomaly

64.5533, 71.9353, 88.3245

Monochromacy



Original Color

62.4124, 72.3070, 76.9968

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.3933, 70.1326, 75.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4124, 72.3070, 76.9968 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(192, 229, 218)` looks like.

```
.text, #text, p{  
    color:rgb(192, 229, 218)  
}
```

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(192, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 229, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.4124, 72.3070, 76.9968 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(192, 229, 218) }
```


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

```
.border{ border-color:rgb(192, 229, 218) }
```

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

Here you see how a box with a 4 pixel rgb(192, 229, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 229, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 229, 218);  
box-shadow:4px 4px 4px 4px rgb(192, 229,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4124, 72.3070, 76.9968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 229, 218) }
```

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

```
.background{ background-color: rgb(192,  
229, 218) }
```

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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