

# Converting Colors

XYZ(62.3057, 72.2062, 79.0600)

Have a look what the booklet for  
XYZ(62.3057, 72.2062, 79.0600)  
contains.

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# Color

**XYZ(62.3057, 72.2062,  
79.0600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEE5DD
RGB	190, 229, 221
RGB Percent	75%, 90%, 87%
CMY	0.2549, 0.1019, 0.1333
CMYK	0.17, 0.00, 0.03, 0.10
HSL	168°, 43%, 82%
HSV	168°, 17%, 90%
XYZ	62.3057, 72.2062, 79.0600
YIQ	216.4270, -20.6760, -10.7560

# Conversions

## Conversions Part 2

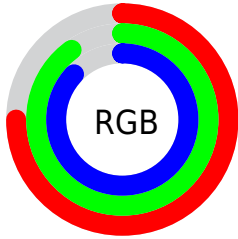
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 212, 229
Decimal	12510685
CIELab	88.07, -14.22, -0.33
CIELCh	88, 14.228, 181.345
Yxy	72.2062, 0.2917, 0.3381
Android (android.graphics.Color)	4290700765 (0xFFBEE5DD)
YUV	216.4270, 2.2545, -23.1765
Hunter-Lab	84.9742, -17.8233, 4.3186

# Details

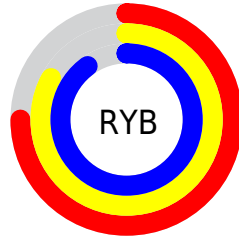
The XYZ color **62.3057, 72.2062, 79.0600** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9222, 57.5642, 61.3293**, and the grayscale version is **65.5583, 68.9724, 75.1110**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **31.9798, 37.8746, 41.7014** is the 20% darker color. If you saturate the color by 10%, you get **56.4123, 69.2413, 75.5628**, and if you desaturate by 10%, it is **69.1194, 75.6474, 82.6948**.

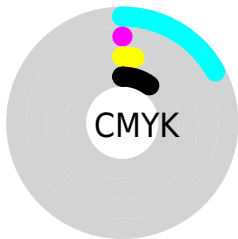
# Distribution



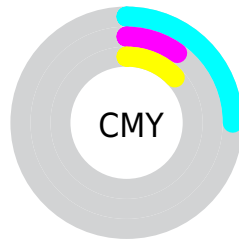
- Red (75%)
- Green (90%)
- Blue (87%)



- Red (75%)
- Yellow (83%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3057, 72.2062, 79.0600 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 62.3057, 72.2062, 79.0600 by changing the saturation by 10% instead.



62.3057, 72.2062,  
79.0600

62.3057, 72.2062,  
79.0600

422.7451,  
468.2590, 511.3823

45.5363, 53.3271,  
58.4235

107.2547,  
122.3496, 133.8428

32.0831, 38.0640,  
41.7323

136.1650,  
154.3828, 168.8261

21.5809, 26.0324,  
28.5677

169.8529,  
191.5695, 209.4289

13.6641, 16.8478,  
18.5113

208.6839,  
234.2940, 256.0696

7.9676, 10.1261,  
11.1445

253.0232,  
282.9409, 309.1667

4.1258, 5.4826,  
6.0487

303.2363,

1.7736, 2.5331,

337.8944, 369.1388

2.8054

359.6885,  
399.5389, 436.4045

■ 0.5017, 0.8932,  
0.9962

■ 0.0000, 0.0000,  
0.0000

■ 62.3057, 72.2062,  
79.0600

■ 62.3057, 72.2062,  
79.0600

■ 56.4123, 69.2413,  
75.5628

■ 69.1194, 75.6474,  
82.6948

■ 51.3911, 66.7221,  
72.1957


■ 76.8865, 79.5761,  
86.4649

■ 47.1988, 64.6283,  
68.9573


■ 84.2703, 83.3051,  
90.3100

■ 43.7860, 62.9342,  
65.8447


■ 84.9587, 83.5805,  
93.9354


 41.0978, 61.6118,  
62.8545


 85.6653, 83.8631,  
97.6560


 39.0720, 60.6290,  
59.9830


 86.3900, 84.1530,  
101.4725

 37.6361, 59.9483,  
57.2261

 87.1331, 84.4502,  
105.3855

 36.6957, 59.5211,  
54.5784

 87.3106, 84.5212,  
106.3202

 36.4656, 59.4192,  
53.8112

# Harmonies

## Analogous

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



63.0570, 72.2062, 69.9879



62.3057, 72.2062, 79.0600



63.2019, 72.2062, 88.7565

# Triad

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



62.3057, 72.2062, 79.0600



72.0834, 72.2062, 95.7005



71.8095, 72.2062, 63.3231

# Complementary

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



62.3057, 72.2062, 79.0600



60.9222, 57.5642, 61.3293

# 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.



74.3599, 72.2062, 69.2867



62.3057, 72.2062, 79.0600



74.5217, 72.2062, 87.9348

# Square

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



62.3057, 72.2062, 79.0600



68.7832, 72.2062, 98.8403



75.3680, 72.2062, 78.1822



68.4767, 72.2062, 61.3650



# Rectangle

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



62.3057, 72.2062, 79.0600



64.6308, 72.2062, 94.1495



75.3680, 72.2062, 78.1822



72.7905, 72.2062, 64.9001

# Sweetspot

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



62.3078, 72.2092, 79.0616



90.0954, 97.4942, 106.4844



60.7234, 71.8264, 59.3799



19.1404, 20.7951, 22.7201



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

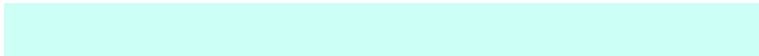


# Same Dimension

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



62.3078, 72.2092, 79.0616



77.0724, 90.9216, 99.5021



60.4388, 66.7238, 83.8257



14.6741, 16.2831, 17.8145



20.8930, 33.9893, 31.0008



1.5760, 2.5245, 2.4598



# Inverse Universe

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



60.9222, 57.5642, 61.3293



75.0299, 69.3246, 73.3564



62.5081, 62.1746, 57.4229



14.4973, 14.4161, 15.5534



18.8031, 9.6555, 2.5923

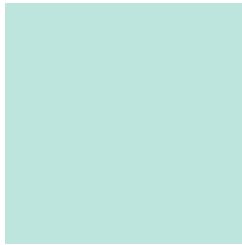


1.4226, 0.7267, 0.3659



# Previews

## White Background



This preview shows how the XYZ color 62.3057, 72.2062, 79.0600 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

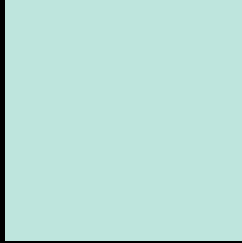
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.3057, 72.2062, 79.0600 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

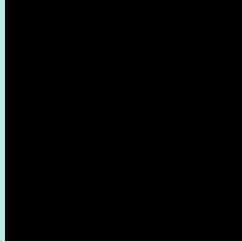
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

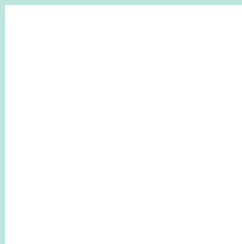
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 62.3057, 72.2062, 79.0600

## Background



This preview shows how black text looks on a background with the XYZ color 62.3057, 72.2062, 79.0600.



This preview shows how white text looks on a background with the XYZ color 62.3057, 72.2062,

79.0600.

# 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

62.3057, 72.2062, 79.0600

### Protanopia

68.7775, 71.6285, 75.1665

### Deuteranopia

73.4363, 72.0002, 80.5479



## **Tritanopia**

65.7736, 72.3937, 96.0947

# Trichromacy



## Original Color

62.3057, 72.2062, 79.0600

## Protanomaly

66.1939, 71.8344, 76.7063

## Deuteranomaly

68.7750, 71.5203, 79.9920

## Tritanomaly

64.6017, 72.3318, 89.9134

# Monochromacy



## Original Color

62.3057, 72.2062, 79.0600

## Achromatopsia

65.2694, 68.6685, 74.7800

## Achromatomaly

64.2435, 70.0403, 76.4628

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.3057, 72.2062, 79.0600 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(190, 229, 221)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 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(190, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 62.3057, 72.2062, 79.0600 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(190, 229, 221) }
```



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

```
.border{ border-color:rgb(190, 229, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 229, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(190, 229,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.3057, 72.2062, 79.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 229, 221) }
```

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

```
.background{ background-color: rgb(190,  
229, 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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