

Converting Colors

XYZ(61.9821, 70.2374, 65.3196)

Have a look what the booklet for
XYZ(61.9821, 70.2374, 65.3196)
contains.

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Color

**XYZ(62.1001, 70.3657,
65.5673)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE0C9
RGB	204, 224, 201
RGB Percent	80%, 88%, 79%
CMY	0.2000, 0.1215, 0.2118
CMYK	0.09, 0.00, 0.10, 0.12
HSL	112°, 27%, 83%
HSV	112°, 10%, 88%
XYZ	62.1001, 70.3657, 65.5673
YIQ	215.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

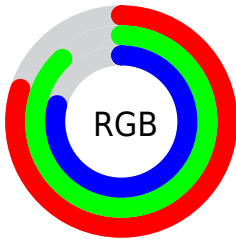
Format	Color
R_{YB}	201, 224, 221
Decimal	13426889
CIE Lab	87.18, -10.86, 9.00
CIE LCh	87, 14.103, 140.351
Yxy	70.3657, 0.3136, 0.3553
Android (android.graphics.Color)	4291616969 (0xFFCCE0C9)
YUV	215.3980, -7.0982, -9.9960
Hunter-Lab	83.8843, -14.6527, 12.3755

Details

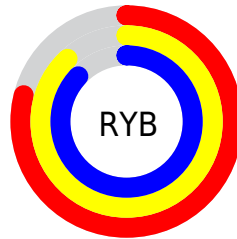
The XYZ color **62.1001, 70.3657, 65.5673** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1628, 62.5292, 79.2122**, and the grayscale version is **64.9115, 68.2920, 74.3700**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0321, 36.9665, 33.0507** is the 20% darker color. If you saturate the color by 10%, you get **54.6458, 66.8075, 52.4517**, and if you desaturate by 10%, it is **70.6104, 74.4280, 80.7412**.

Distribution



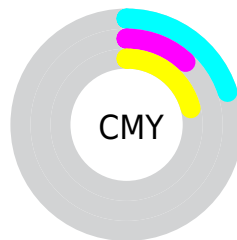
- Red (80%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1001, 70.3657, 65.5673 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 62.1001, 70.3657, 65.5673 by changing the saturation by 10% instead.

62.1001, 70.3657,
65.5673

62.1001, 70.3657,
65.5673

422.0079,
461.8330, 463.1897

45.3695, 51.8247,
47.4670

106.9593,
119.7301, 114.4861

31.9511, 36.8654,
33.0480

135.8186,
151.3224, 146.1417

21.4795, 25.1033,
21.8918

169.4516,
188.0338, 183.1528

13.5894, 16.1540,
13.5798

208.2235,
230.2489, 225.9380

7.9154, 9.6332,
7.6936

252.4997,
278.3519, 274.9157

4.0922, 5.1564,
3.8146

302.6456,

1.7544, 2.3393,

332.7273, 330.5045

1.5242

359.0265,
393.7596, 393.1230

■ 0.4900, 0.7944,
0.2358

■ 0.0000, 0.0000,
0.0000

■ 62.1001, 70.3657,
65.5673

■ 62.1001, 70.3657,
65.5673

■ 54.6458, 66.8075,
52.4517

■ 70.6104, 74.4280,
80.7412

■ 48.2006, 63.7250,
41.3014

■ 80.2098, 79.0034,
98.0518

■ 42.7226, 61.1007,
32.0232

■ 85.9470, 81.7940,
105.8657

■ 38.1647, 58.9125,
24.5143

■ 34.4760, 57.1365,
18.6624

■ 31.6002, 55.7467,
14.3420

■ 29.4745, 54.7136,
11.4098

■ 28.0266, 54.0036,
9.6954

■ 27.1696, 53.5783,
8.9097

Harmonies

Analogous

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



64.6921, 70.3657, 60.7700



62.1001, 70.3657, 65.5673



60.8019, 70.3657, 73.6024

Triad

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



62.1001, 70.3657, 65.5673



65.8197, 70.3657, 96.0213



73.0251, 70.3657, 70.4523

Complementary

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



62.1001, 70.3657, 65.5673



64.1628, 62.5292, 79.2122

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.



73.3513, 70.3657, 79.7113



62.1001, 70.3657, 65.5673



69.1177, 70.3657, 95.0024

Square

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



62.1001, 70.3657, 65.5673



62.9022, 70.3657, 91.5206



71.9001, 70.3657, 88.8416



71.0231, 70.3657, 63.4248

Rectangle

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



62.1001, 70.3657, 65.5673



60.8146, 70.3657, 79.9373



71.9001, 70.3657, 88.8416



73.3369, 70.3657, 73.3886

Sweetspot

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



62.1020, 70.3687, 65.5688



91.4373, 98.2771, 102.4292



67.1249, 71.7454, 65.5698



19.3695, 20.9391, 21.5633



0.0000, 0.0000, 0.0000



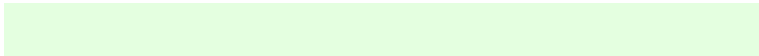
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1020, 70.3687, 65.5688



81.3877, 93.4814, 84.5599



62.3076, 70.3569, 70.9015



13.6941, 15.4225, 14.5619



15.8676, 31.2125, 5.1883



1.1545, 2.1917, 0.3622

Inverse Universe

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



64.1628, 62.5292, 79.2122



84.6005, 81.2577, 105.8331



63.9683, 62.5579, 73.3784



14.1100, 13.8403, 17.3154



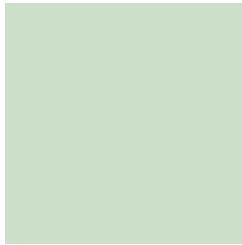
20.9698, 9.9056, 41.8551



1.5031, 0.7122, 2.9035

Previews

White Background



This preview shows how the XYZ color 62.1001, 70.3657, 65.5673 looks on a white background.

Color Contrast Check

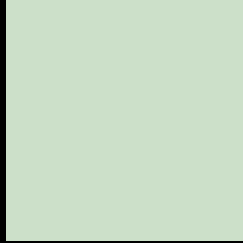
Large Text (above 18pt) WCAG AA × Fail

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 62.1001, 70.3657, 65.5673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

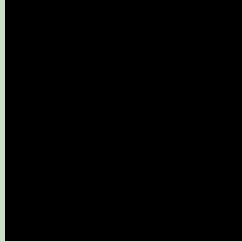
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

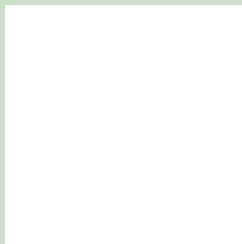
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1001, 70.3657, 65.5673

Background



This preview shows how black text looks on a background with the XYZ color 62.1001, 70.3657, 65.5673.



This preview shows how white text looks on a background with the XYZ color 62.1001, 70.3657,

65.5673.

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

62.1001, 70.3657, 65.5673

Protanopia

66.5695, 69.9878, 62.8237

Deuteranopia

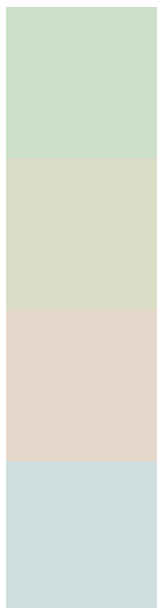
71.5016, 70.1813, 66.9045



Tritanopia

67.0502, 70.4208, 89.4155

Trichromacy



Original Color

62.1001, 70.3657, 65.5673

Protanomaly

64.9997, 70.3237, 63.5741

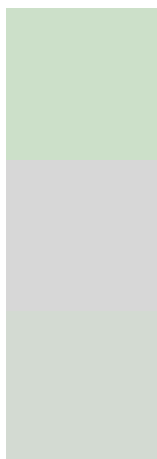
Deuteranomaly

67.6485, 70.0815, 66.4615

Tritanomaly

65.1882, 70.4505, 79.9746

Monochromacy



Original Color

62.1001, 70.3657, 65.5673

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.5682, 68.6448, 70.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1001, 70.3657, 65.5673 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(204, 224, 201) looks like.

```
.text, #text, p{  
    color:rgb(204, 224, 201)  
}
```

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(204, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 224, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.1001, 70.3657, 65.5673 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(204, 224, 201) }
```


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

```
.border{ border-color:rgb(204, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 224,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1001, 70.3657, 65.5673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 224, 201) }
```

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

```
.background{ background-color: rgb(204,  
224, 201) }
```

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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