

Converting Colors

XYZ(62.2977, 72.1544, 57.7312)

Have a look what the booklet for
XYZ(62.2977, 72.1544, 57.7312)
contains.

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Color

**XYZ(62.4452, 72.3401,
57.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE4BB
RGB	207, 228, 187
RGB Percent	81%, 89%, 73%
CMY	0.1882, 0.1059, 0.2667
CMYK	0.09, 0.00, 0.18, 0.11
HSL	91°, 43%, 81%
HSV	91°, 18%, 89%
XYZ	62.4452, 72.3401, 57.6855
YIQ	217.0470, 0.6450, -17.2030

Conversions

Conversions Part 2

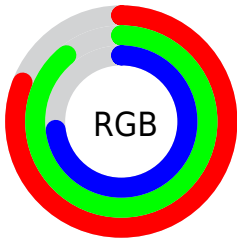
Format	Color
RYB	187, 228, 208
Decimal	13624507
CIELab	88.13, -14.18, 17.71
CIELCh	88, 22.683, 128.686
Yxy	72.3401, 0.3244, 0.3758
Android (android.graphics.Color)	4291814587 (0xFFCFE4BB)
YUV	217.0470, -14.8132, -8.8112
Hunter-Lab	85.0530, -17.7895, 19.3248

Details

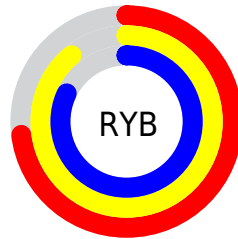
The XYZ color **62.4452, 72.3401, 57.6855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.7892, 54.5540, 80.8868**, and the grayscale version is **66.0853, 69.5269, 75.7148**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **32.1955, 38.2838, 28.2469** is the 20% darker color. If you saturate the color by 10%, you get **57.0527, 69.8223, 45.6874**, and if you desaturate by 10%, it is **68.4706, 75.1437, 71.7391**.

Distribution



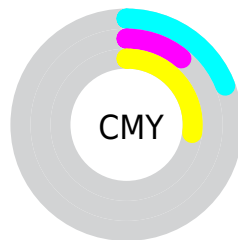
- Red (81%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)





- Cyan (19%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4452, 72.3401, 57.6855 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 62.4452, 72.3401, 57.6855 by changing the saturation by 10% instead.


 62.4452, 72.3401,
57.6855

 62.4452, 72.3401,
57.6855


423.2449,
468.7245, 433.5785

 45.6495, 53.4365,
41.1428


 107.4550,
122.5399, 102.9750

 32.1728, 38.1514,
28.1102


136.3998,
154.6050, 132.5589

 21.6497, 26.1002,
18.1690


170.1251,
191.8261, 167.3269

 13.7149, 16.8986,
10.9007

208.9961,
234.5874, 207.6977

 8.0030, 10.1622,
5.8867

253.3782,
283.2736, 254.0897

 4.1487, 5.5067,
2.7087

303.6368,

 1.7866, 2.5475,

338.2689, 306.9215

0.9478

360.1373,
399.9577, 366.6115

■ 0.5096, 0.9003,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4452, 72.3401,
57.6855

■ 62.4452, 72.3401,
57.6855

■ 57.0527, 69.8223,
45.6874

■ 68.4706, 75.1437,
71.7391

■ 52.2639, 67.5709,
35.6438

■ 75.1451, 78.2330,
87.9336

■ 48.0556, 65.5784,
27.4523

■ 82.4266, 81.5941,
106.0126

■ 44.4006, 63.8333,
20.9989

■ 86.5655, 83.7278,
106.2063

■ 41.2694, 62.3230,
16.1576

■ 87.0349, 83.9698,
106.2283

■ 38.6287, 61.0336,
12.7848

■ 36.4403, 59.9490,
10.7119

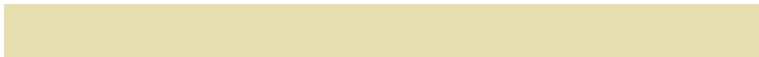
■ 34.6528, 59.0480,
9.7030

■ 34.3266, 58.8828,
9.5563

Harmonies

Analogous

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



67.1948, 72.3401, 52.7872



62.4452, 72.3401, 57.6855



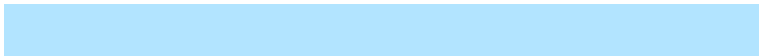
59.4961, 72.3401, 68.4056

Triad

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



62.4452, 72.3401, 57.6855



65.0374, 72.3401, 109.9794



79.5849, 72.3401, 74.3431

Complementary

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



62.4452, 72.3401, 57.6855



57.7892, 54.5540, 80.8868

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.



78.9325, 72.3401, 90.1231



62.4452, 72.3401, 57.6855



70.3434, 72.3401, 112.1162

Square

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



62.4452, 72.3401, 57.6855



60.9371, 72.3401, 98.9384



75.4806, 72.3401, 104.4428



77.2191, 72.3401, 61.5408

Rectangle

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



62.4452, 72.3401, 57.6855



58.8535, 72.3401, 78.0835



75.4806, 72.3401, 104.4428



79.7137, 72.3401, 79.4526

Sweetspot

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



62.4471, 72.3432, 57.6871



90.7024, 97.9881, 98.3345



63.4015, 64.9529, 56.2103



19.2870, 20.9146, 20.7420



0.0000, 0.0000, 0.0000



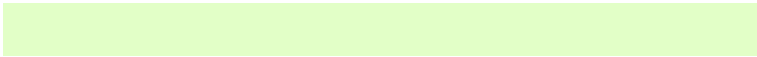
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4471, 72.3432, 57.6871



77.5036, 91.8501, 67.6159



57.2087, 69.6427, 57.4419



14.8552, 16.4324, 15.2933



19.9563, 34.0694, 5.5242



1.5817, 2.5727, 0.4132

Inverse Universe

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



57.7892, 54.5540, 80.8868



70.3305, 64.4556, 103.3421



63.7717, 57.6380, 81.1668



14.2833, 14.2483, 18.1417



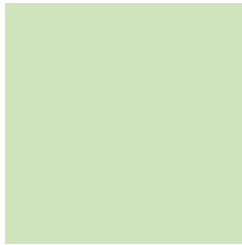
12.4439, 5.4809, 42.7852



1.0267, 0.4603, 3.1667

Previews

White Background



This preview shows how the XYZ color 62.4452, 72.3401, 57.6855 looks on a white background.

Color Contrast Check

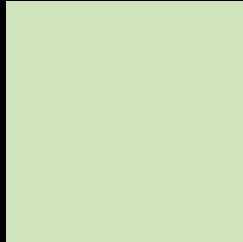
Large Text (above 18pt) WCAG AA × Fail

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 62.4452, 72.3401, 57.6855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

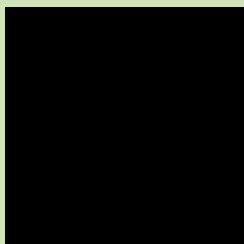
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

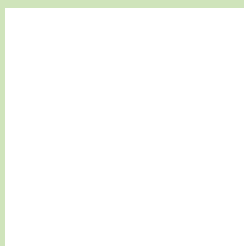
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4452, 72.3401, 57.6855

Background



This preview shows how black text looks on a background with the XYZ color 62.4452, 72.3401, 57.6855.

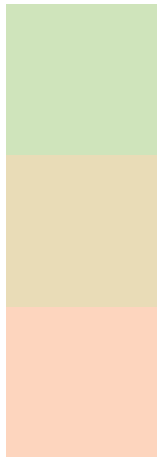


This preview shows how white text looks on a background with the XYZ color 62.4452, 72.3401,

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

62.4452, 72.3401, 57.6855

Protanopia

67.7447, 71.9289, 55.1129

Deuteranopia

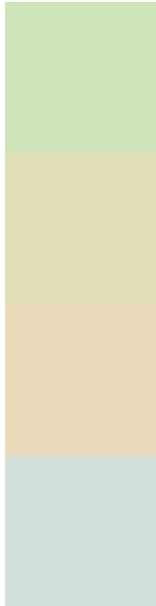
73.5965, 72.1889, 58.7701



Tritanopia

69.3134, 72.3330, 91.1974

Trichromacy



Original Color

62.4452, 72.3401, 57.6855

Protanomaly

65.7799, 72.0833, 55.7939

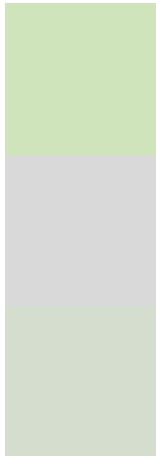
Deuteranomaly

68.8488, 71.6498, 58.3452

Tritanomaly

66.5932, 72.4228, 77.4870

Monochromacy



Original Color

62.4452, 72.3401, 57.6855

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.4376, 70.3153, 68.5685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4452, 72.3401, 57.6855 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(207, 228, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 187)  
}
```

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(207, 228, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 187) }
```

Border

The CSS property to change the border of an element to XYZ 62.4452, 72.3401, 57.6855 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(207, 228, 187) }
```


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

```
.border{ border-color:rgb(207, 228, 187) }
```

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

Here you see how a box with a 4 pixel rgb(207, 228, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 228, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 228, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 228,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4452, 72.3401, 57.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 187) }
```

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

```
.background{ background-color: rgb(207,  
228, 187) }
```

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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