

Converting Colors

XYZ(63.4254, 72.2291, 67.0986)

Have a look what the booklet for
XYZ(63.4254, 72.2291, 67.0986)
contains.

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Color

**XYZ(63.4254, 72.2291,
67.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE3CB
RGB	205, 227, 203
RGB Percent	80%, 89%, 80%
CMY	0.1961, 0.1098, 0.2039
CMYK	0.10, 0.00, 0.11, 0.11
HSL	115°, 30%, 84%
HSV	115°, 11%, 89%
XYZ	63.4254, 72.2291, 67.0986
YIQ	217.6860, -5.4080, -12.1280

Conversions

Conversions Part 2

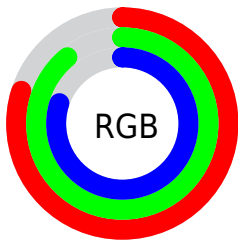
Format	Color
R _{YB}	203, 227, 225
Decimal	13493195
CIE Lab	88.08, -11.69, 9.25
CIE LCh	88, 14.904, 141.634
Yxy	72.2291, 0.3128, 0.3562
Android (android.graphics.Color)	4291683275 (0xFFCDE3CB)
YUV	217.6860, -7.2402, -11.1256
Hunter-Lab	84.9877, -15.5159, 12.6814

Details

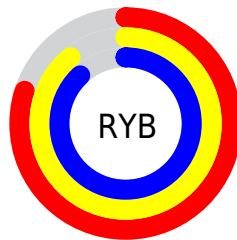
The XYZ color **63.4254, 72.2291, 67.0986** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2752, 64.2674, 81.5886**, and the grayscale version is **66.4769, 69.9389, 76.1634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9398, 38.2543, 34.0815** is the 20% darker color. If you saturate the color by 10%, you get **55.5526, 68.4626, 53.6277**, and if you desaturate by 10%, it is **72.4618, 76.5538, 82.6946**.

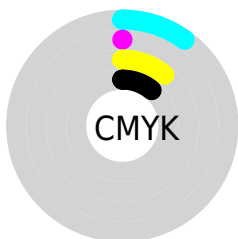
Distribution



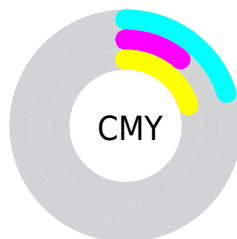
- Red (80%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4254, 72.2291, 67.0986 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 63.4254, 72.2291, 67.0986 by changing the saturation by 10% instead.

63.4254, 72.2291,
67.0986

63.4254, 72.2291,
67.0986

426.7469,
468.3386, 468.8067

46.4454, 53.3458,
48.7027

108.8614,
122.3822, 116.7037

32.8035, 38.0789,
34.0197

138.0480,
154.4208, 148.7499

22.1345, 26.0440,
22.6313

172.0343,
191.6134, 186.1833

14.0729, 16.8565,
14.1187

211.1855,
234.3442, 229.4224

8.2534, 10.1323,
8.0636

255.8670,
282.9978, 278.8857

4.3107, 5.4867,
4.0473

306.4442,

1.8794, 2.5356,

337.9584, 334.9919

1.6513

363.2823,
399.6106, 398.1594

■ 0.5648, 0.8944,
0.3271

■ 0.0000, 0.0000,
0.0000

■ 63.4254, 72.2291,
67.0986

■ 63.4254, 72.2291,
67.0986

■ 55.5526, 68.4626,
53.6277

■ 72.4618, 76.5538,
82.6946

■ 48.7904, 65.2228,
42.1856

■ 82.7003, 81.4485,
100.4972

■ 43.0905, 62.4891,
32.6753

■ 86.7605, 83.4210,
106.1368

■ 38.3988, 60.2356,
24.9904

■ 34.6564, 58.4347,
19.0139

■ 31.7981, 57.0556,
14.6155

■ 29.7505, 56.0637,
11.6459

■ 28.4284, 55.4188,
9.9275

■ 27.7373, 55.0785,
9.1693

Harmonies

Analogous

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



66.1598, 72.2291, 61.7999



63.4254, 72.2291, 67.0986



62.1022, 72.2291, 75.8283

Triad

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



63.4254, 72.2291, 67.0986



67.6608, 72.2291, 99.6691



75.2103, 72.2291, 71.6398

Complementary

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



63.4254, 72.2291, 67.0986



66.2752, 64.2674, 81.5886

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.



75.6460, 72.2291, 81.5311



63.4254, 72.2291, 67.0986



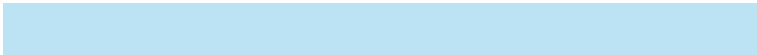
71.2051, 72.2291, 98.3031

Square

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



63.4254, 72.2291, 67.0986



64.4916, 72.2291, 95.0316



74.1573, 72.2291, 91.4458



72.9867, 72.2291, 64.2599

Rectangle

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



63.4254, 72.2291, 67.0986



62.1656, 72.2291, 82.6633



74.1573, 72.2291, 91.4458



75.5737, 72.2291, 74.7595

Sweetspot

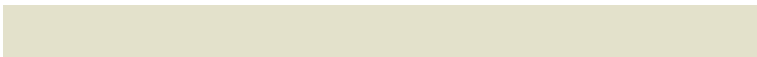
The Sweet Spot groups the original color and five complimentary colors.



63.4274, 72.2322, 67.1002



91.3095, 98.2112, 102.4233



69.3864, 74.4967, 67.2232



19.3351, 20.9213, 21.5617



0.0000, 0.0000, 0.0000



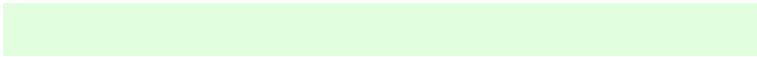
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4274, 72.2322, 67.1002



79.8551, 92.7311, 82.6920



64.1102, 72.4420, 73.5566



14.3000, 16.1462, 15.2673



16.2150, 32.1406, 5.3491



1.2370, 2.3951, 0.3971

Inverse Universe

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



66.2752, 64.2674, 81.5886



84.3627, 80.1229, 105.6266



65.5614, 64.0543, 74.5564



14.8705, 14.5510, 18.1692



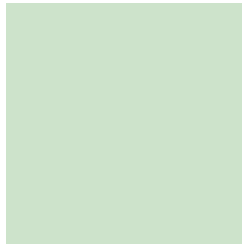
23.3198, 11.0877, 43.2942



1.7584, 0.8375, 3.2009

Previews

White Background



This preview shows how the XYZ color 63.4254, 72.2291, 67.0986 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 63.4254, 72.2291, 67.0986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

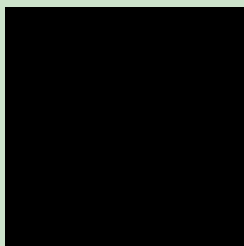
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

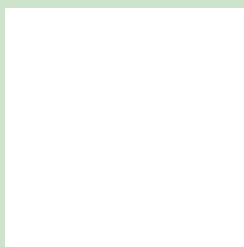
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4254, 72.2291, 67.0986

Background



This preview shows how black text looks on a background with the XYZ color 63.4254, 72.2291, 67.0986.

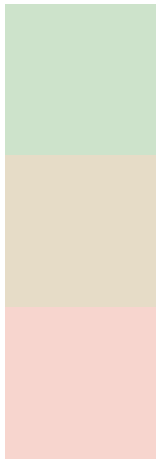


This preview shows how white text looks on a background with the XYZ color 63.4254, 72.2291,

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



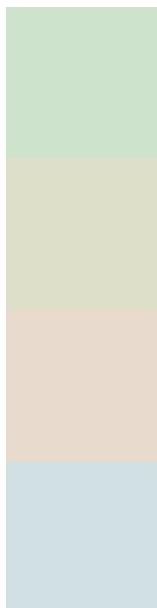
Original Color
63.4254, 72.2291, 67.0986
Protanopia
68.5351, 72.1329, 64.3437
Deuteranopia
73.2926, 71.8189, 68.3920



Tritanopia

68.5652, 72.3234, 92.0074

Trichromacy



Original Color

63.4254, 72.2291, 67.0986

Protanomaly

66.6318, 72.3176, 65.0904

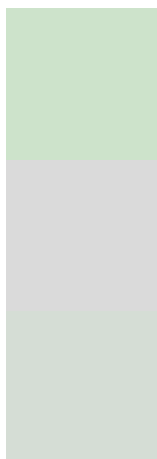
Deuteranomaly

69.3696, 71.7064, 67.9422

Tritanomaly

66.6776, 72.3576, 82.4036

Monochromacy



Original Color

63.4254, 72.2291, 67.0986

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.3073, 70.6631, 73.1481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4254, 72.2291, 67.0986 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(205, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 203)  
}
```

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(205, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 203) }
```

Border

The CSS property to change the border of an element to XYZ 63.4254, 72.2291, 67.0986 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(205, 227, 203) }
```


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

```
.border{ border-color:rgb(205, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4254, 72.2291, 67.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 203) }
```

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

```
.background{ background-color: rgb(205,  
227, 203) }
```

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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