

Converting Colors

XYZ(64.5738, 72.7050, 72.4173)

Have a look what the booklet for
XYZ(64.5738, 72.7050, 72.4173)
contains.

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Color

**XYZ(64.6806, 72.7631,
72.2637)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE3D3
RGB	206, 227, 211
RGB Percent	81%, 89%, 83%
CMY	0.1922, 0.1098, 0.1725
CMYK	0.09, 0.00, 0.07, 0.11
HSL	134°, 27%, 85%
HSV	134°, 9%, 89%
XYZ	64.6806, 72.7631, 72.2637
YIQ	218.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

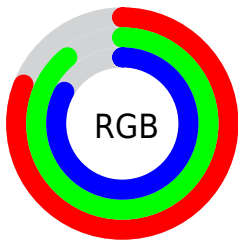
Format	Color
R_{YB}	206, 223, 227
Decimal	13558739
CIE Lab	88.33, -9.92, 5.43
CIE LCh	88, 11.314, 151.306
Yxy	72.7631, 0.3084, 0.3470
Android (android.graphics.Color)	4291748819 (0xFFCEE3D3)
YUV	218.8970, -3.8932, -11.3107
Hunter-Lab	85.3013, -13.9278, 9.4829

Details

The XYZ color **64.6806, 72.7631, 72.2637** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9373, 65.7494, 78.2737**, and the grayscale version is **67.2921, 70.7965, 77.0974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7872, 38.6148, 37.5709** is the 20% darker color. If you saturate the color by 10%, you get **56.7752, 68.9270, 61.1774**, and if you desaturate by 10%, it is **73.7337, 77.1680, 84.6248**.

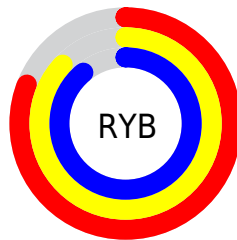
Distribution



Red (81%)

Green (89%)

Blue (83%)



Red (81%)

Yellow (87%)

Blue (89%)

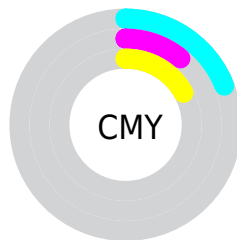


Cyan (9%)

Magenta (0%)

Yellow (7%)

Black (11%)



Cyan (19%)

Magenta (11%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6806, 72.7631, 72.2637 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 64.6806, 72.7631, 72.2637 by changing the saturation by 10% instead.

64.6806, 72.7631,
72.2637

64.6806, 72.7631,
72.2637

431.2067,
470.1933, 487.4611

47.4659, 53.7823,
52.8860

110.6588,
123.1408, 124.1426

33.6136, 38.4276,
37.3246

140.1530,
155.3065, 157.4808

22.7584, 26.3147,
25.1612

174.4710,
192.6360, 196.3096

14.5349, 17.0593,
15.9771

213.9783,
235.5136, 241.0475

8.5778, 10.2767,
9.3538

259.0401,
284.3237, 292.1131

4.5217, 5.5828,
4.8727

310.0219,

2.0013, 2.5931,

339.4508, 349.9248

2.1153

367.2890,
401.2792, 414.9013

■ 0.6347, 0.9232,
0.6249

■ 0.0000, 0.0000,
0.0000

■ 64.6806, 72.7631,
72.2637

■ 64.6806, 72.7631,
72.2637

■ 56.7752, 68.9270,
61.1774

■ 73.7337, 77.1680,
84.6248

■ 49.9650, 65.6274,
51.3206

■ 83.9718, 82.1540,
98.2945

■ 44.2029, 62.8428,
42.6521

■ 86.7605, 83.4209,
106.1368

■ 39.4356, 60.5468,
35.1270

■ 35.6052, 58.7104,
28.6971

■ 32.6473, 57.3018,
23.3111

■ 30.4896, 56.2845,
18.9135

■ 29.0470, 55.6161,
15.4433

■ 28.1893, 55.2309,
12.8314

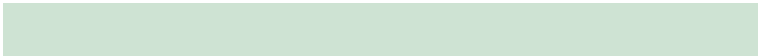
Harmonies

Analogous

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



66.4821, 72.7631, 67.1281



64.6806, 72.7631, 72.2637



64.0708, 72.7631, 79.5680

Triad

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



64.6806, 72.7631, 72.2637



69.2782, 72.7631, 95.1315



73.7155, 72.7631, 71.7099

Complementary

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



64.6806, 72.7631, 72.2637



66.9373, 65.7494, 78.2737

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.



74.5100, 72.7631, 78.8863



64.6806, 72.7631, 72.2637



71.9071, 72.7631, 92.6980

Square

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



64.6806, 72.7631, 72.2637



66.6831, 72.7631, 93.0770



73.8398, 72.7631, 86.6231



71.6957, 72.7631, 66.8234

Rectangle

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



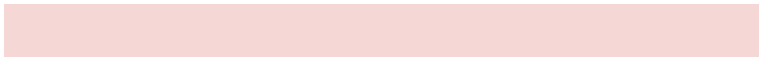
64.6806, 72.7631, 72.2637



64.4092, 72.7631, 84.7836



73.8398, 72.7631, 86.6231



74.1371, 72.7631, 73.9179

Sweetspot

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



64.6826, 72.7662, 72.2653



91.3669, 98.2081, 103.9031



68.7674, 74.9433, 69.2347



19.3506, 20.9205, 21.9593



0.0000, 0.0000, 0.0000



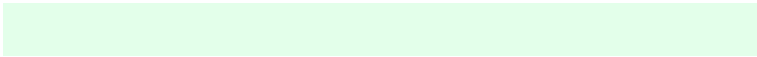
20.3446, 21.4041, 23.3091

Same Dimension

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



64.6826, 72.7662, 72.2653



82.2206, 93.7619, 91.3260



66.0296, 73.3050, 79.3584



14.3292, 16.1451, 15.9986



16.4469, 32.2109, 7.5875



1.2511, 2.3945, 0.7486

Inverse Universe

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



66.9373, 65.7494, 78.2737



85.6888, 82.9682, 100.5676



65.5854, 65.2086, 71.1546



14.8407, 14.5535, 17.3615



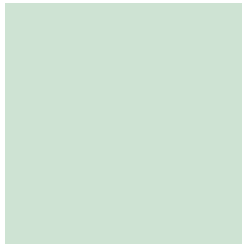
22.9195, 11.3020, 24.2686



1.7291, 0.8494, 1.9800

Previews

White Background



This preview shows how the XYZ color 64.6806, 72.7631, 72.2637 looks on a white background.

Color Contrast Check

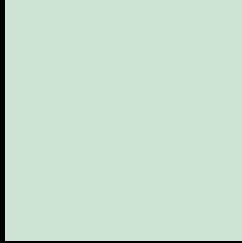
Large Text (above 18pt) WCAG AA × Fail

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 64.6806, 72.7631, 72.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

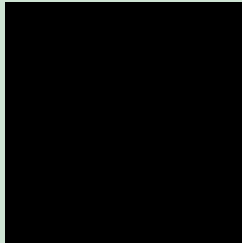
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

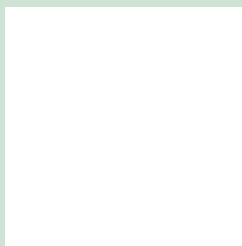
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6806, 72.7631, 72.2637

Background



This preview shows how black text looks on a background with the XYZ color 64.6806, 72.7631, 72.2637.



This preview shows how white text looks on a background with the XYZ color 64.6806, 72.7631,

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

64.6806, 72.7631, 72.2637

Protanopia

69.1688, 72.3494, 69.3507

Deuteranopia

74.1902, 72.5410, 73.7099



Tritanopia

68.9798, 72.9155, 92.8765

Trichromacy



Original Color

64.6806, 72.7631, 72.2637

Protanomaly

67.5916, 72.7016, 70.1449

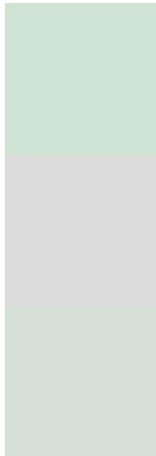
Deuteranomaly

70.2968, 72.4561, 73.2312

Tritanomaly

67.0930, 72.5238, 84.5910

Monochromacy



Original Color

64.6806, 72.7631, 72.2637

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.2475, 71.4966, 75.2743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6806, 72.7631, 72.2637 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(206, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 227, 211)  
}
```

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(206, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 227, 211) }
```

Border

The CSS property to change the border of an element to XYZ 64.6806, 72.7631, 72.2637 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(206, 227, 211) }
```


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

```
.border{ border-color:rgb(206, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 227, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 227, 211); box-shadow:4px 4px 4px 4px rgb(206, 227, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6806, 72.7631, 72.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 227, 211) }
```

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

```
.background{ background-color: rgb(206,  
227, 211) }
```

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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