

Converting Colors

XYZ(64.9023, 71.6708, 72.3179)

Have a look what the booklet for
XYZ(64.9023, 71.6708, 72.3179)
contains.

XYZ(64.7080, 71.5698, 72.0319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.7080, 71.5698,
72.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0D3
RGB	209, 224, 211
RGB Percent	82%, 88%, 83%
CMY	0.1804, 0.1215, 0.1725
CMYK	0.07, 0.00, 0.06, 0.12
HSL	128°, 19%, 85%
HSV	128°, 7%, 88%
XYZ	64.7080, 71.5698, 72.0319
YIQ	218.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

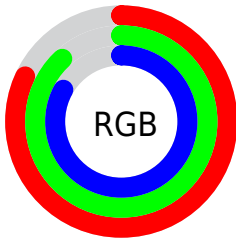
Format	Color
RYB	209, 222, 224
Decimal	13754579
CIELab	87.76, -7.39, 4.63
CIELCh	88, 8.721, 147.934
Yxy	71.5698, 0.3106, 0.3436
Android (android.graphics.Color)	4291944659 (0xFFD1E0D3)
YUV	218.0330, -3.4673, -7.9219
Hunter-Lab	84.5989, -11.5171, 8.7367

Details

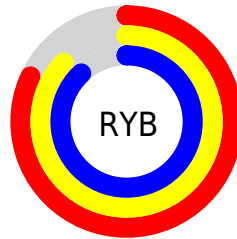
The XYZ color **64.7080, 71.5698, 72.0319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7283, 66.7239, 78.4727**, and the grayscale version is **66.6905, 70.1636, 76.4082**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7913, 37.7788, 37.4093** is the 20% darker color. If you saturate the color by 10%, you get **56.5218, 67.6162, 59.7022**, and if you desaturate by 10%, it is **74.0833, 76.1065, 85.9547**.

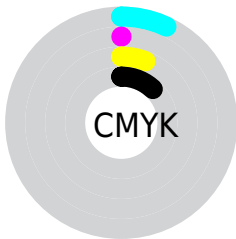
Distribution



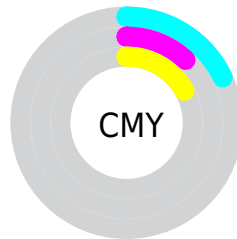
- Red (82%)
- Green (88%)
- Blue (83%)



- Red (82%)
- Yellow (87%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7080, 71.5698, 72.0319 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 64.7080, 71.5698, 72.0319 by changing the saturation by 10% instead.

■ 64.7080, 71.5698,
72.0319

■ 64.7080, 71.5698,
72.0319

431.3037,
466.0428, 486.6331

■ 47.4882, 52.8073,
52.6977

110.6980,
121.4447, 123.8100

■ 33.6313, 37.6490,
37.1755

140.1989,
153.3259, 157.0911

■ 22.7720, 25.7104,
25.0465

174.5241,
190.3488, 195.8582

■ 14.5450, 16.6071,
15.8924

214.0391,
232.8979, 240.5298

■ 8.5849, 9.9548,
9.2945

259.1092,
281.3574, 291.5246

■ 4.5264, 5.3690,
4.8343

310.0998,

■ 2.0040, 2.4653,

336.1118, 349.2611

2.0934

367.3762,
397.5455, 414.1577

■ 0.6362, 0.8592,
0.6118

■ 0.0000, 0.0000,
0.0000

■ 64.7080, 71.5698,
72.0319

■ 64.7080, 71.5698,
72.0319

■ 56.5218, 67.6162,
59.7022

■ 74.0833, 76.1065,
85.9547

■ 49.4714, 64.2132,
48.9042

■ 84.6864, 81.2391,
101.5197

■ 43.5080, 61.3392,
39.5796

■ 85.9471, 81.7941,
105.8657

■ 38.5773, 58.9674,
31.6644

■ 34.6201, 57.0688,
25.0900

■ 31.5711, 55.6113,
19.7820

■ 29.3570, 54.5589,
15.6589

■ 27.8928, 53.8696,
12.6295

■ 27.0723, 53.4909,
10.5892

Harmonies

Analogous

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



66.1777, 71.5698, 68.2856



64.7080, 71.5698, 72.0319



64.1250, 71.5698, 77.5171

Triad

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



64.7080, 71.5698, 72.0319



67.8816, 71.5698, 89.8809



71.6017, 71.5698, 72.7094

Complementary

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



64.7080, 71.5698, 72.0319



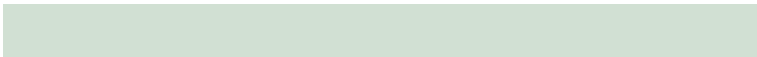
66.7283, 66.7239, 78.4727

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.



72.0799, 71.5698, 78.3390



64.7080, 71.5698, 72.0319



69.9062, 71.5698, 88.4364

Square

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



64.7080, 71.5698, 72.0319



65.9340, 71.5698, 87.9901



71.4534, 71.5698, 84.1360



70.1596, 71.5698, 68.6626

Rectangle

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



64.7080, 71.5698, 72.0319



64.3086, 71.5698, 81.4896



71.4534, 71.5698, 84.1360



71.8818, 71.5698, 74.4705

Sweetspot

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



64.7100, 71.5729, 72.0335



92.4949, 98.7641, 105.1084



68.3682, 73.4875, 70.9035



19.8245, 21.1525, 22.5373



0.0000, 0.0000, 0.0000



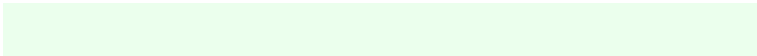
20.3446, 21.4041, 23.3091

Same Dimension

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



64.7100, 71.5729, 72.0335



85.2219, 95.2473, 94.2589



65.6400, 71.9449, 76.9310



13.6028, 15.3669, 14.9436



15.6748, 31.0948, 6.0107



1.1108, 2.1651, 0.5448

Inverse Universe

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



66.7283, 66.7239, 78.4727



88.4491, 87.4939, 104.5547



65.7769, 66.3433, 73.4623



14.2123, 13.9025, 16.8880



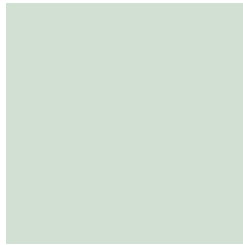
23.6010, 11.5074, 30.8945



1.6580, 0.8065, 2.2579

Previews

White Background



This preview shows how the XYZ color 64.7080, 71.5698, 72.0319 looks on a white background.

Color Contrast Check

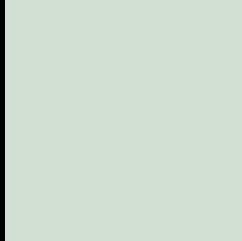
Large Text (above 18pt) WCAG AA × Fail

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 64.7080, 71.5698, 72.0319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

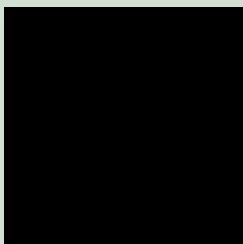
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

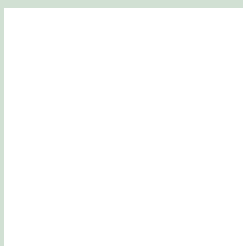
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.7080, 71.5698, 72.0319

Background



This preview shows how black text looks on a background with the XYZ color 64.7080, 71.5698, 72.0319.

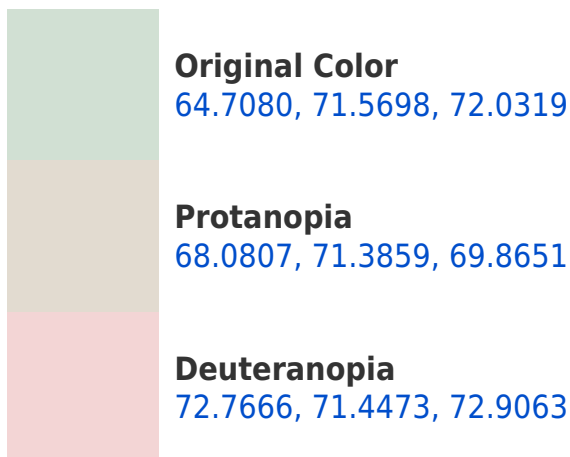


This preview shows how white text looks on a background with the XYZ color 64.7080, 71.5698,

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





Tritanopia

68.3198, 71.4470, 90.3106

Trichromacy



Original Color

64.7080, 71.5698, 72.0319

Protanomaly

66.8803, 71.5320, 70.6037

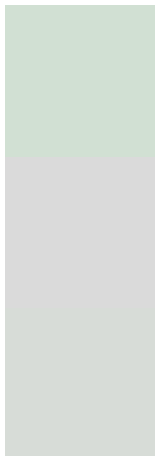
Deuteranomaly

69.6515, 71.3681, 72.3917

Tritanomaly

67.0114, 71.3114, 83.6314

Monochromacy



Original Color

64.7080, 71.5698, 72.0319

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.8833, 70.5398, 74.4331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7080, 71.5698, 72.0319 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(209, 224, 211) looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 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(209, 224, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 211) }
```

Border

The CSS property to change the border of an element to XYZ 64.7080, 71.5698, 72.0319 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(209, 224, 211) }
```


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

```
.border{ border-color:rgb(209, 224, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7080, 71.5698, 72.0319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 211) }
```

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

```
.background{ background-color: rgb(209,  
224, 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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