

Converting Colors

XYZ(64.5450, 70.6384, 74.3887)

Have a look what the booklet for
XYZ(64.5450, 70.6384, 74.3887)
contains.

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Color

**XYZ(64.6815, 70.7042,
74.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DED7
RGB	209, 222, 215
RGB Percent	82%, 87%, 84%
CMY	0.1804, 0.1294, 0.1569
CMYK	0.06, 0.00, 0.03, 0.13
HSL	148°, 16%, 85%
HSV	148°, 6%, 87%
XYZ	64.6815, 70.7042, 74.5282
YIQ	217.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

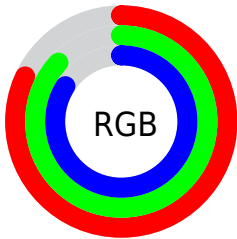
Format	Color
R_{YB}	209, 218, 222
Decimal	13754071
CIE Lab	87.34, -5.64, 1.92
CIE LCh	87, 5.957, 161.240
Yxy	70.7042, 0.3081, 0.3368
Android (android.graphics.Color)	4291944151 (0xFFD1DED7)
YUV	217.3150, -1.1413, -7.2923
Hunter-Lab	84.0858, -9.8422, 6.3092

Details

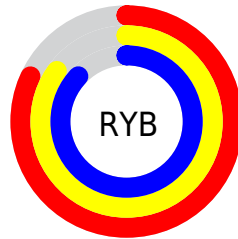
The XYZ color **64.6815, 70.7042, 74.5282** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3219, 66.0901, 74.2829**, and the grayscale version is **66.1814, 69.6279, 75.8248**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6814, 37.1441, 38.6520** is the 20% darker color. If you saturate the color by 10%, you get **57.3523, 67.0990, 66.4566**, and if you desaturate by 10%, it is **73.0022, 74.8116, 83.2353**.

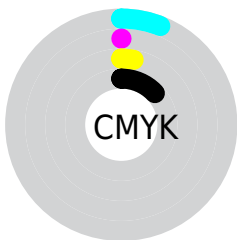
Distribution



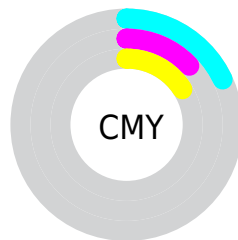
- Red (82%)
- Green (87%)
- Blue (84%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6815, 70.7042, 74.5282 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 64.6815, 70.7042, 74.5282 by changing the saturation by 10% instead.

■ 64.6815, 70.7042,
74.5282

■ 64.6815, 70.7042,
74.5282

431.2099,
463.0187, 495.5064

■ 47.4666, 52.1008,
54.7271

110.6601,
120.2124, 127.3852

■ 33.6142, 37.0855,
38.7861

140.1545,
151.8861, 161.2782

■ 22.7588, 25.2737,
26.2868

174.4728,
188.6854, 200.7055

■ 14.5352, 16.2811,
16.8107

213.9803,
230.9945, 246.0858

■ 8.5781, 9.7233,
9.9391

259.0424,
279.1981, 297.8374

■ 4.5219, 5.2159,
5.2535

310.0245,

■ 2.0014, 2.3745,

333.6804, 356.3791

2.3354

367.2918,
394.8258, 422.1292

■ 0.6348, 0.8127,
0.7510

■ 0.0000, 0.0000,
0.0000

■ 64.6815, 70.7042,
74.5282

■ 64.6815, 70.7042,
74.5282

■ 57.3523, 67.0990,
66.4566

■ 73.0022, 74.8116,
83.2353

■ 50.9704, 63.9673,
59.0017

■ 82.3448, 79.4306,
92.5871

■ 45.4967, 61.2915,
52.1501

■ 84.7550, 80.4623,
102.2245

■ 40.8873, 59.0492,
45.8867

■ 85.4127, 80.7253,
105.6876

■ 37.0943, 57.2158,
40.1952

■ 34.0649, 55.7647,
35.0588

■ 31.7399, 54.6655,
30.4598

■ 30.0505, 53.8831,
26.3792

■ 28.9123, 53.3745,
22.7966

Harmonies

Analogous

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



65.4405, 70.7042, 71.3234



64.6815, 70.7042, 74.5282



64.5923, 70.7042, 78.4998

Triad

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



64.6815, 70.7042, 74.5282



67.7291, 70.7042, 84.8094



69.2500, 70.7042, 72.0060

Complementary

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



64.6815, 70.7042, 74.5282



65.3219, 66.0901, 74.2829

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.



69.8815, 70.7042, 75.4895



64.6815, 70.7042, 74.5282



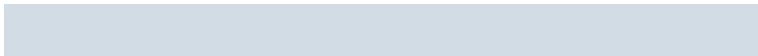
68.9953, 70.7042, 82.9383

Square

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



64.6815, 70.7042, 74.5282



66.3389, 70.7042, 84.5301



69.7876, 70.7042, 79.4949



68.0730, 70.7042, 69.9025

Rectangle

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



64.6815, 70.7042, 74.5282



64.9233, 70.7042, 81.0593



69.7876, 70.7042, 79.4949



69.5339, 70.7042, 73.0493

Sweetspot

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



64.6835, 70.7072, 74.5298



92.7594, 98.8699, 106.5009



65.9957, 71.4712, 70.6394



19.8783, 21.1741, 22.8208



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.



64.6835, 70.7072, 74.5298



87.2757, 96.1666, 100.6579



65.5161, 71.0402, 78.9140



14.1086, 15.5986, 16.2782



17.0078, 31.6280, 13.0299



1.2237, 2.2102, 1.1393

Inverse Universe

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



65.3219, 66.0901, 74.2829



88.3197, 88.6161, 100.2542



64.5161, 65.7678, 70.0395



14.2900, 14.2869, 16.2081



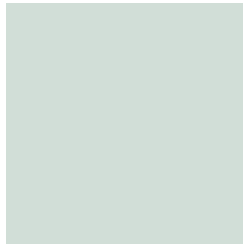
19.9480, 10.0462, 11.6577



1.4278, 0.7144, 1.0454

Previews

White Background



This preview shows how the XYZ color 64.6815, 70.7042, 74.5282 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 64.6815, 70.7042, 74.5282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

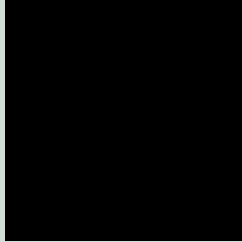
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

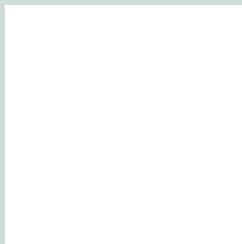
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6815, 70.7042, 74.5282

Background



This preview shows how black text looks on a background with the XYZ color 64.6815, 70.7042, 74.5282.

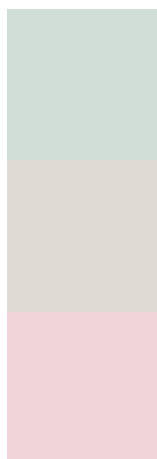


This preview shows how white text looks on a background with the XYZ color 64.6815, 70.7042,

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

64.6815, 70.7042, 74.5282

Protanopia

67.8221, 70.7942, 73.0408

Deuteranopia

72.0030, 70.6220, 75.4821



Tritanopia

67.6232, 70.7162, 89.4423

Trichromacy



Original Color

64.6815, 70.7042, 74.5282

Protanomaly

66.6825, 70.5781, 73.7267

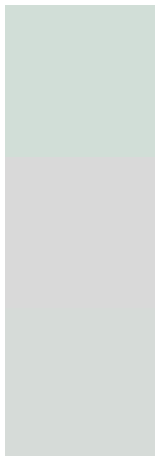
Deuteranomaly

69.2636, 70.7276, 74.9670

Tritanomaly

66.4608, 70.6367, 83.5302

Monochromacy



Original Color

64.6815, 70.7042, 74.5282

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.4577, 69.9170, 75.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6815, 70.7042, 74.5282 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, 222, 215) looks like.

```
.text, #text, p{  
    color:rgb(209, 222, 215)  
}
```

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, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 222, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.6815, 70.7042, 74.5282 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, 222, 215) }
```


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

```
.border{ border-color:rgb(209, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(209, 222,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6815, 70.7042, 74.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 222, 215) }
```

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

```
.background{ background-color: rgb(209,  
222, 215) }
```

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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