

Converting Colors

XYZ(61.7769, 67.6729, 74.2870)

Have a look what the booklet for
XYZ(61.7769, 67.6729, 74.2870)
contains.

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Color

**XYZ(61.6943, 67.6057,
74.0875)**

Conversions

Conversions Part 1

Format	Color
Hex	CADAD7
RGB	202, 218, 215
RGB Percent	79%, 85%, 84%
CMY	0.2078, 0.1451, 0.1569
CMYK	0.07, 0.00, 0.01, 0.15
HSL	169°, 18%, 82%
HSV	169°, 7%, 85%
XYZ	61.6943, 67.6057, 74.0875
YIQ	212.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

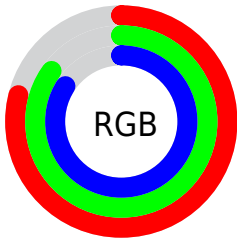
Format	Color
R _Y B	202, 211, 218
Decimal	13294295
CIE Lab	85.81, -5.91, -0.38
CIE LCh	86, 5.926, 183.656
Yxy	67.6057, 0.3033, 0.3324
Android (android.graphics.Color)	4291484375 (0xFFCADAD7)
YUV	212.8740, 1.0481, -9.5365
Hunter-Lab	82.2227, -9.9555, 4.1321

Details

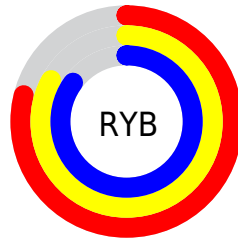
The XYZ color **61.6943, 67.6057, 74.0875** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0560, 61.5561, 66.4245**, and the grayscale version is **63.1606, 66.4499, 72.3639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6551, 35.0284, 38.3505** is the 20% darker color. If you saturate the color by 10%, you get **55.6886, 64.5715, 71.0973**, and if you desaturate by 10%, it is **68.5503, 71.0805, 77.1890**.

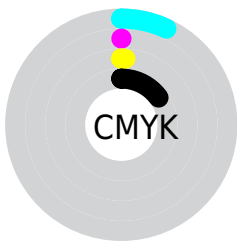
Distribution



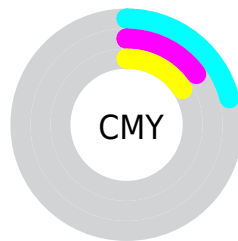
- Red (79%)
- Green (85%)
- Blue (84%)



- Red (79%)
- Yellow (83%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6943, 67.6057, 74.0875 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 61.6943, 67.6057, 74.0875 by changing the saturation by 10% instead.

■ 61.6943, 67.6057,
74.0875

■ 61.6943, 67.6057,
74.0875

420.5505,
452.0977, 493.9468

■ 45.0404, 49.5770,
54.3684

106.3760,
115.7879, 126.7550

■ 31.6907, 35.0774,
38.5011

135.1345,
146.7102, 160.5406

■ 21.2797, 23.7225,
26.0670

168.6587,
182.6992, 199.8520

■ 13.4423, 15.1279,
16.6476

207.3137,
224.1392, 245.1079

■ 7.8129, 8.9092,
9.8242

251.4651,
271.4146, 296.7268

■ 4.0262, 4.6820,
5.1785

301.4781,

■ 1.7170, 2.0619,

324.9100, 355.1272

2.2918

357.7181,
385.0095, 420.7277

■ 0.4669, 0.6431,
0.7266

■ 0.0000, 0.0000,
0.0000

■ 61.6943, 67.6057,
74.0875

■ 61.6943, 67.6057,
74.0875

■ 55.6886, 64.5715,
71.0973

■ 68.5503, 71.0805,
77.1890

■ 50.4925, 61.9513,
68.2117

■ 76.2837, 75.0041,
80.3992

■ 46.0708, 59.7288,
65.4300

■ 80.2160, 76.9667,
83.5012

■ 42.3831, 57.8833,
62.7499

■ 80.7885, 77.1957,
86.5161

■ 39.3856, 56.3920,
60.1686

■ 81.3745, 77.4301,
89.6021

■ 37.0296, 55.2300,
57.6836

■ 81.9742, 77.6700,
92.7599

■ 35.2599, 54.3688,
55.2915

■ 82.5875, 77.9153,
95.9898

■ 34.0120, 53.7752,
52.9890

■ 83.2147, 78.1662,
99.2922

■ 33.1990, 53.4043,
50.7713

■ 83.8557, 78.4226,
102.6678

Harmonies

Analogous

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



61.9526, 67.6057, 70.3522



61.6943, 67.6057, 74.0875



62.1147, 67.6057, 77.8204

Triad

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



61.6943, 67.6057, 74.0875



65.7106, 67.6057, 79.9924



65.4192, 67.6057, 67.1305

Complementary

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



61.6943, 67.6057, 74.0875



61.0560, 61.5561, 66.4245

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.



66.4484, 67.6057, 69.5564



61.6943, 67.6057, 74.0875



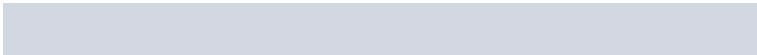
66.6182, 67.6057, 76.9691

Square

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



61.6943, 67.6057, 74.0875



64.4233, 67.6057, 81.3043



66.8901, 67.6057, 73.1368



64.0913, 67.6057, 66.4192

Rectangle

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



61.6943, 67.6057, 74.0875



62.7269, 67.6057, 79.7806



66.8901, 67.6057, 73.1368



65.8122, 67.6057, 67.7682

Sweetspot

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



61.6962, 67.6086, 74.0890



93.0448, 98.9840, 108.0037



60.9663, 67.4177, 65.6779



19.9364, 21.1973, 23.1267



0.0000, 0.0000, 0.0000



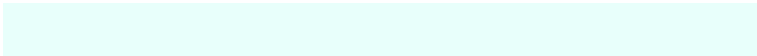
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6962, 67.6086, 74.0890



86.4191, 95.6298, 104.9167



60.8587, 65.3102, 75.7316



13.3346, 14.7855, 16.2249



19.8174, 31.9596, 30.2675



1.3115, 2.0816, 2.1065

Inverse Universe

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



61.0560, 61.5561, 66.4245



85.3030, 85.0783, 91.5551



61.8409, 63.7007, 64.9143



13.1554, 13.0913, 14.0795



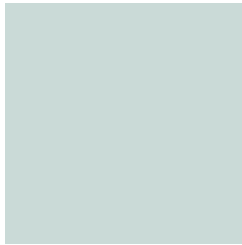
17.5903, 9.0372, 2.2228



1.1694, 0.5974, 0.3011

Previews

White Background



This preview shows how the XYZ color 61.6943, 67.6057, 74.0875 looks on a white background.

Color Contrast Check

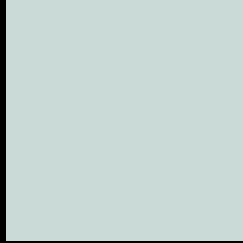
Large Text (above 18pt) WCAG AA × Fail

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 61.6943, 67.6057, 74.0875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

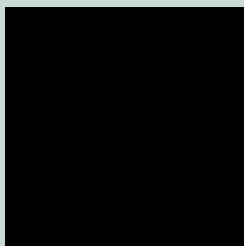
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

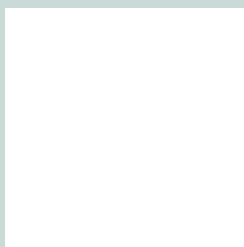
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6943, 67.6057, 74.0875

Background



This preview shows how black text looks on a background with the XYZ color 61.6943, 67.6057, 74.0875.

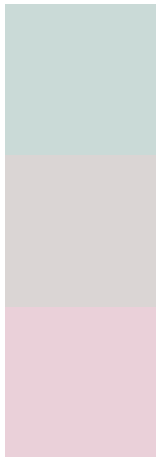


This preview shows how white text looks on a background with the XYZ color 61.6943, 67.6057,

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

61.6943, 67.6057, 74.0875

Protanopia

64.5914, 67.2474, 71.8631

Deuteranopia

69.0119, 67.6139, 75.0591



Tritanopia

64.0428, 67.4062, 85.9792

Trichromacy



Original Color

61.6943, 67.6057, 74.0875

Protanomaly

63.4621, 67.4020, 72.6159

Deuteranomaly

66.0624, 67.5744, 74.5271

Tritanomaly

63.1852, 67.4401, 81.6385

Monochromacy



Original Color

61.6943, 67.6057, 74.0875

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7325, 67.0112, 73.2464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6943, 67.6057, 74.0875 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(202, 218, 215)` looks like.

```
.text, #text, p{  
    color:rgb(202, 218, 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(202, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 218, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.6943, 67.6057, 74.0875 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(202, 218, 215) }
```


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

```
.border{ border-color:rgb(202, 218, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 218, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 218,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6943, 67.6057, 74.0875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 218, 215) }
```

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

```
.background{ background-color: rgb(202,  
218, 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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