

Converting Colors

XYZ(61.6824, 67.9887, 74.1562)

Have a look what the booklet for
XYZ(61.6824, 67.9887, 74.1562)
contains.

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Color

**XYZ(61.6847, 67.9868,
74.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DBD7
RGB	201, 219, 215
RGB Percent	79%, 86%, 84%
CMY	0.2118, 0.1412, 0.1569
CMYK	0.08, 0.00, 0.02, 0.14
HSL	167°, 20%, 82%
HSV	167°, 8%, 86%
XYZ	61.6847, 67.9868, 74.1616
YIQ	213.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

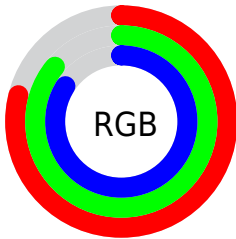
Format	Color
R_{YB}	201, 211, 219
Decimal	13229015
CIE Lab	86.00, -6.76, -0.11
CIE LCh	86, 6.760, 180.909
Yxy	67.9868, 0.3026, 0.3335
Android (android.graphics.Color)	4291419095 (0xFFC9DBD7)
YUV	213.1620, 0.9061, -10.6661
Hunter-Lab	82.4541, -10.7571, 4.3907

Details

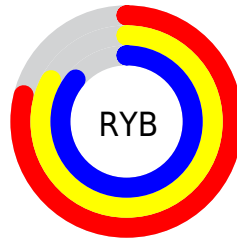
The XYZ color **61.6847, 67.9868, 74.1616** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1220, 61.2431, 66.3605**, and the grayscale version is **63.3545, 66.6538, 72.5860**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6532, 35.2920, 38.4014** is the 20% darker color. If you saturate the color by 10%, you get **55.5959, 64.9210, 70.6596**, and if you desaturate by 10%, it is **68.6354, 71.4985, 77.8041**.

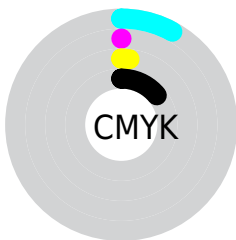
Distribution



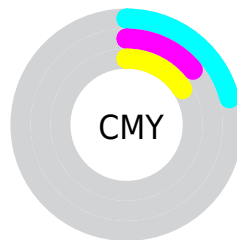
- Red (79%)
- Green (86%)
- Blue (84%)



- Red (79%)
- Yellow (83%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6847, 67.9868, 74.1616 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 61.6847, 67.9868, 74.1616 by changing the saturation by 10% instead.

■ 61.6847, 67.9868,
74.1616

■ 61.6847, 67.9868,
74.1616

420.5160,
453.4492, 494.2092

■ 45.0326, 49.8870,
54.4287

106.3622,
116.3333, 126.8610

■ 31.6845, 35.3236,
38.5490

135.1184,
147.3487, 160.6646

■ 21.2750, 23.9123,
26.1039

168.6399,
183.4382, 199.9956

■ 13.4388, 15.2686,
16.6750

207.2922,
224.9860, 245.2724

■ 7.8105, 9.0081,
9.8435

251.4406,
272.3766, 296.9137

■ 4.0247, 4.7465,
5.1911

301.4504,

■ 1.7161, 2.0993,

325.9945, 355.3378

2.2991

357.6871,
386.2239, 420.9635

■ 0.4663, 0.6642,
0.7307

■ 0.0000, 0.0000,
0.0000

■ 61.6847, 67.9868,
74.1616

■ 61.6847, 67.9868,
74.1616

■ 55.5959, 64.9210,
70.6596

■ 68.6354, 71.4985,
77.8041

■ 50.3277, 62.2743,
67.2909


■ 76.4756, 75.4647,
81.5848


■ 45.8440, 60.0299,
64.0546


■ 80.8011, 77.6169,
85.2999


■ 42.1038, 58.1666,
60.9478


■ 81.4933, 77.8937,
88.9447


 39.0623, 56.6614,
57.9675


 82.2047, 78.1783,
92.6909


 36.6695, 55.4886,
55.1106

 82.9355, 78.4706,
96.5393

 34.8690, 54.6192,
52.3735

 83.6859, 78.7708,
100.4906

 33.5943, 54.0187,
49.7522

 84.4559, 79.0788,
104.5456

 32.7487, 53.6375,
47.2412

 84.6228, 79.1455,
105.4243

Harmonies

Analogous

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



62.0496, 67.9868, 69.9528



61.6847, 67.9868, 74.1616



62.0956, 67.9868, 78.4982

Triad

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



61.6847, 67.9868, 74.1616



66.1626, 67.9868, 81.5944



66.0795, 67.9868, 66.8143

Complementary

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



61.6847, 67.9868, 74.1616



61.1220, 61.2431, 66.3605

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.



67.2107, 67.9868, 69.7271



61.6847, 67.9868, 74.1616



67.2592, 67.9868, 78.2545

Square

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



61.6847, 67.9868, 74.1616



64.6667, 67.9868, 82.8937



67.6458, 67.9868, 73.8907



64.5721, 67.9868, 65.8146

Rectangle

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



61.6847, 67.9868, 74.1616



62.7581, 67.9868, 80.8512



67.6458, 67.9868, 73.8907



66.5172, 67.9868, 67.5962

Sweetspot

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



61.6866, 67.9897, 74.1631



93.0164, 98.9727, 107.8546



61.1084, 67.8906, 65.1430



19.9307, 21.1950, 23.0964



0.0000, 0.0000, 0.0000



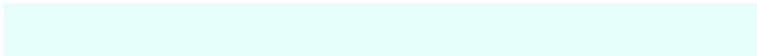
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6866, 67.9897, 74.1631



85.3832, 95.1205, 103.7523



60.9730, 65.7290, 76.4945



13.3145, 14.7774, 16.1190



19.3824, 31.7856, 27.9769



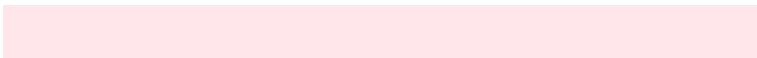
1.2869, 2.0717, 1.9767

Inverse Universe

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



61.1220, 61.2431, 66.3605



84.4179, 83.5837, 90.4103



61.7815, 63.3256, 64.2264



13.1740, 13.0987, 14.1776



17.6811, 9.0735, 2.7008



1.1781, 0.6009, 0.3470

Previews

White Background



This preview shows how the XYZ color 61.6847, 67.9868, 74.1616 looks on a white background.

Color Contrast Check

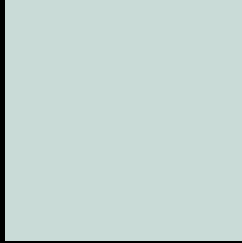
Large Text (above 18pt) WCAG AA × Fail

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 61.6847, 67.9868, 74.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

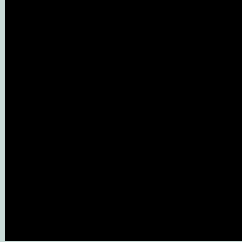
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

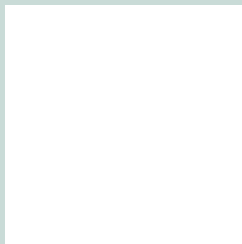
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6847, 67.9868, 74.1616

Background



This preview shows how black text looks on a background with the XYZ color 61.6847, 67.9868, 74.1616.

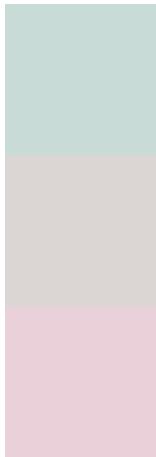


This preview shows how white text looks on a background with the XYZ color 61.6847, 67.9868,

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

61.6847, 67.9868, 74.1616

Protanopia

65.1436, 67.9067, 71.9612

Deuteranopia

69.0119, 67.6139, 75.0591



Tritanopia

64.1657, 67.8323, 86.8018

Trichromacy



Original Color

61.6847, 67.9868, 74.1616

Protanomaly

63.7175, 67.9129, 72.7010

Deuteranomaly

66.0624, 67.5744, 74.5271

Tritanomaly

63.1689, 67.8132, 81.7114

Monochromacy



Original Color

61.6847, 67.9868, 74.1616

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 61.6847, 67.9868, 74.1616 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(201, 219, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 219, 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(201, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 219, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.6847, 67.9868, 74.1616 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(201, 219, 215) }
```


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

```
.border{ border-color:rgb(201, 219, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 219,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6847, 67.9868, 74.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 219, 215) }
```

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

```
.background{ background-color: rgb(201,  
219, 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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