

Converting Colors

XYZ(63.3754, 69.2001, 74.1052)

Have a look what the booklet for
XYZ(63.3754, 69.2001, 74.1052)
contains.

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Color

**XYZ(63.3125, 69.2145,
74.3128)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDCD7
RGB	206, 220, 215
RGB Percent	81%, 86%, 84%
CMY	0.1922, 0.1372, 0.1569
CMYK	0.06, 0.00, 0.02, 0.14
HSL	159°, 17%, 84%
HSV	159°, 6%, 86%
XYZ	63.3125, 69.2145, 74.3128
YIQ	215.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

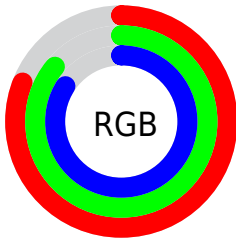
Format	Color
R _Y B	206, 215, 220
Decimal	13556951
CIE Lab	86.61, -5.61, 0.83
CIE LCh	87, 5.675, 171.636
Yxy	69.2145, 0.3061, 0.3346
Android (android.graphics.Color)	4291747031 (0xFFCEDCD7)
YUV	215.2440, -0.1203, -8.1070
Hunter-Lab	83.1953, -9.7512, 5.2769

Details

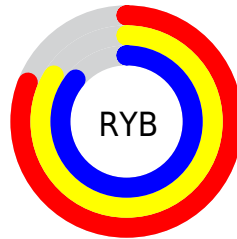
The XYZ color **63.3125, 69.2145, 74.3128** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3469, 64.0631, 70.6579**, and the grayscale version is **64.7623, 68.1350, 74.1990**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7492, 36.1237, 38.5042** is the 20% darker color. If you saturate the color by 10%, you get **56.6416, 65.8914, 68.8548**, and if you desaturate by 10%, it is **70.8908, 73.0036, 80.0695**.

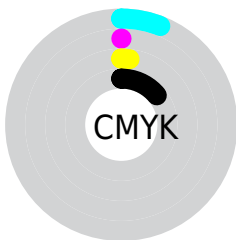
Distribution



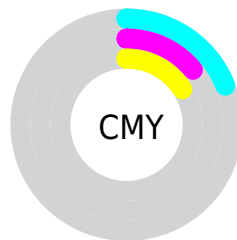
- Red (81%)
- Green (86%)
- Blue (84%)



- Red (81%)
- Yellow (84%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (19%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3125, 69.2145, 74.3128 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 63.3125, 69.2145, 74.3128 by changing the saturation by 10% instead.

■ 63.3125, 69.2145,
74.3128

■ 63.3125, 69.2145,
74.3128

426.3444,
457.7871, 494.7445

■ 46.3537, 50.8864,
54.5518

108.6995,
118.0879, 127.0773

■ 32.7308, 36.1182,
38.6468

137.8584,
149.4020, 160.9178

■ 22.0785, 24.5255,
26.1793

171.8147,
185.8136, 200.2885

■ 14.0315, 15.7239,
16.7309

210.9337,
227.7070, 245.6080

■ 8.2245, 9.3290,
9.8829

255.5808,
275.4667, 297.2948

■ 4.2919, 4.9564,
5.2168

306.1214,

■ 1.8686, 2.2217,

329.4770, 355.7675

2.3141

362.9208,
390.1223, 421.4445

■ 0.5585, 0.7318,
0.7391

■ 0.0000, 0.0000,
0.0000

■ 63.3125, 69.2145,
74.3128

■ 63.3125, 69.2145,
74.3128

■ 56.6416, 65.8914,
68.8548

■ 70.8908, 73.0036,
80.0695

■ 50.8363, 63.0070,
63.6858

■ 79.4044, 77.2674,
86.1254

■ 45.8599, 60.5446,
58.8018

■ 82.3531, 78.6565,
92.1810

■ 41.6712, 58.4828,
54.1973

■ 83.5374, 79.1302,
98.4176

■ 38.2249, 56.7984,
49.8663

■ 84.7728, 79.6244,
104.9234

■ 35.4712, 55.4659,
45.8028

■ 84.8845, 79.6691,
105.5115

■ 33.3537, 54.4563,
42.0002

■ 31.8069, 53.7358,
38.4512

■ 30.7482, 53.2621,
35.1479

Harmonies

Analogous

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



63.8206, 69.2145, 70.9505



63.3125, 69.2145, 74.3128



63.4603, 69.2145, 78.0687

Triad

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



63.3125, 69.2145, 74.3128



66.7245, 69.2145, 82.3075



67.3706, 69.2145, 69.8180

Complementary

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



63.3125, 69.2145, 74.3128



63.3469, 64.0631, 70.6579

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.



68.1685, 69.2145, 72.7202



63.3125, 69.2145, 74.3128



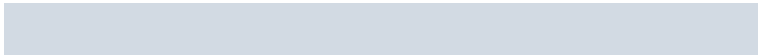
67.7920, 69.2145, 79.9544

Square

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



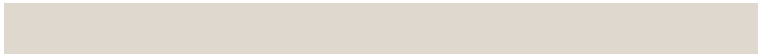
63.3125, 69.2145, 74.3128



65.4186, 69.2145, 82.7685



68.3237, 69.2145, 76.4227



66.1553, 69.2145, 68.4126

Rectangle

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



63.3125, 69.2145, 74.3128



63.9117, 69.2145, 80.2849



68.3237, 69.2145, 76.4227



67.6972, 69.2145, 70.6461

Sweetspot

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



63.3145, 69.2174, 74.3143



92.9065, 98.9287, 107.2755



63.6382, 69.5143, 68.4569



19.9083, 21.1860, 22.9785



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.



63.3145, 69.2174, 74.3143



86.7875, 95.8735, 102.5034



63.4801, 68.5039, 77.5905



13.2371, 14.7465, 15.7115



17.9142, 31.1983, 20.2453



1.2011, 2.0374, 1.5250

Inverse Universe

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



63.3469, 64.0631, 70.6579



86.8443, 86.8520, 96.1038



63.1813, 64.7204, 67.5557



13.2473, 13.1280, 14.5634



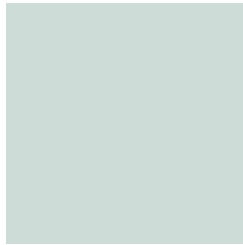
18.1904, 9.2772, 5.3829



1.2188, 0.6171, 0.5609

Previews

White Background



This preview shows how the XYZ color 63.3125, 69.2145, 74.3128 looks on a white background.

Color Contrast Check

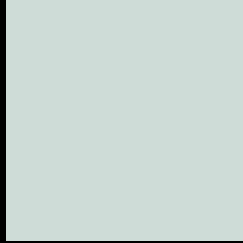
Large Text (above 18pt) WCAG AA × Fail

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 63.3125, 69.2145, 74.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

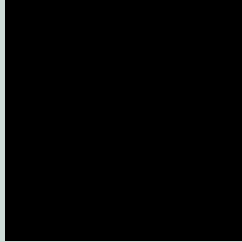
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

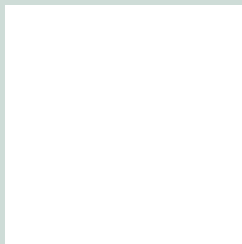
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3125, 69.2145, 74.3128

Background



This preview shows how black text looks on a background with the XYZ color 63.3125, 69.2145, 74.3128.

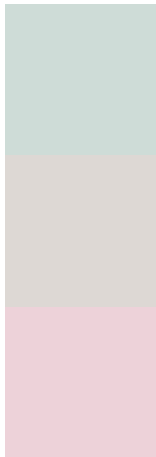


This preview shows how white text looks on a background with the XYZ color 63.3125, 69.2145,

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

63.3125, 69.2145, 74.3128

Protanopia

66.2583, 69.2374, 72.1593

Deuteranopia

70.4960, 69.1075, 75.2692



Tritanopia

65.9586, 69.1215, 87.7073

Trichromacy



Original Color

63.3125, 69.2145, 74.3128

Protanomaly

65.1420, 69.0287, 72.8413

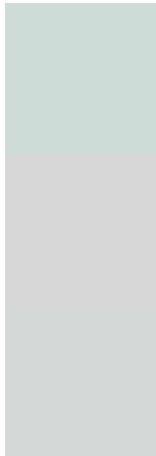
Deuteranomaly

67.8053, 69.2198, 74.7528

Tritanomaly

64.9490, 69.0988, 82.5873

Monochromacy



Original Color

63.3125, 69.2145, 74.3128

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.2300, 68.5291, 74.1321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3125, 69.2145, 74.3128 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, 220, 215) looks like.

```
.text, #text, p{  
    color:rgb(206, 220, 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(206, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 220, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.3125, 69.2145, 74.3128 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, 220, 215) }
```


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

```
.border{ border-color:rgb(206, 220, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 220, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 220, 215);  
box-shadow:4px 4px 4px 4px rgb(206, 220,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3125, 69.2145, 74.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 220, 215) }
```

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

```
.background{ background-color: rgb(206,  
220, 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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