

Converting Colors

XYZ(64.1062, 69.3216, 71.7765)

Have a look what the booklet for
XYZ(64.1062, 69.3216, 71.7765)
contains.

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Color

**XYZ(63.9534, 69.2151,
71.6172)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D3DBD3 |
| RGB | 211, 219, 211 |
| RGB Percent | 83%, 86%, 83% |
| CMY | 0.1725, 0.1412, 0.1725 |
| CMYK | 0.04, 0.00, 0.04, 0.14 |
| HSL | 120°, 10%, 84% |
| HSV | 120°, 4%, 86% |
| XYZ | 63.9534, 69.2151, 71.6172 |
| YIQ | 215.6960, -2.2000, -4.1840 |

Conversions

Conversions Part 2

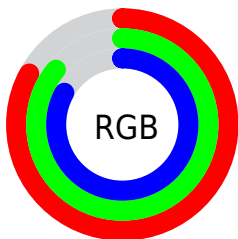
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 219, 219 |
| Decimal | 13884371 |
| CIE Lab | 86.61, -4.15, 2.98 |
| CIE LCh | 87, 5.108, 144.290 |
| Yxy | 69.2151, 0.3123, 0.3380 |
| Android (android.graphics.Color) | 4292074451 (0xFFD3DBD3) |
| YUV | 215.6960, -2.3151, -4.1184 |
| Hunter-Lab | 83.1956, -8.3774, 7.1984 |

Details

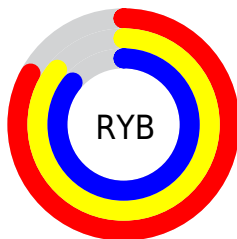
The XYZ color **63.9534, 69.2151, 71.6172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2965, 66.7649, 76.4667**, and the grayscale version is **65.0814, 68.4707, 74.5646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2659, 36.1533, 37.1233** is the 20% darker color. If you saturate the color by 10%, you get **55.5405, 65.1760, 57.8548**, and if you desaturate by 10%, it is **73.5991, 73.8505, 87.3927**.

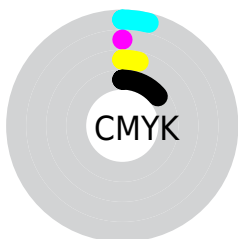
Distribution



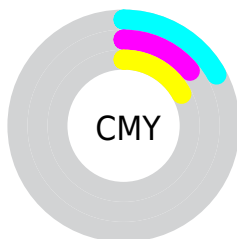
- Red (83%)
- Green (86%)
- Blue (83%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9534, 69.2151, 71.6172 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 63.9534, 69.2151, 71.6172 by changing the saturation by 10% instead.

■ 63.9534, 69.2151,
71.6172

■ 63.9534, 69.2151,
71.6172

428.6262,
457.7893, 485.1498

■ 46.8745, 50.8869,
52.3611

109.6179,
118.0888, 123.2148

■ 33.1440, 36.1186,
36.9088

138.9342,
149.4030, 156.3934

■ 22.3965, 24.5258,
24.8416

173.0604,
185.8147, 195.0498

■ 14.2668, 15.7241,
15.7412

212.3618,
227.7083, 239.6028

■ 8.3894, 9.3292,
9.1888

257.2037,
275.4682, 290.4707

■ 4.3990, 4.9565,
4.7660

307.9515,

■ 1.9302, 2.2218,

329.4787, 348.0721

2.0543

364.9705,
390.1242, 412.8257

■ 0.5943, 0.7318,
0.5884

■ 0.0000, 0.0000,
0.0000

■ 63.9534, 69.2151,
71.6172

■ 63.9534, 69.2151,
71.6172

■ 55.5405, 65.1760,
57.8548

■ 73.5991, 73.8505,
87.3927

■ 48.3053, 61.7006,
46.0204

■ 84.5184, 79.0955,
105.2530

■ 42.1970, 58.7664,
36.0291

■ 84.6229, 79.1457,
105.4243

■ 37.1588, 56.3463,
27.7883

■ 33.1293, 54.4108,
21.1973

■ 30.0406, 52.9271,
16.1450

■ 27.8164, 51.8587,
12.5069

■ 26.3688, 51.1633,
10.1389

■ 25.5910, 50.7897,
8.8666

Harmonies

Analogous

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



64.8537, 69.2151, 69.5688



63.9534, 69.2151, 71.6172



63.5448, 69.2151, 74.7159

Triad

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



63.9534, 69.2151, 71.6172



65.5604, 69.2151, 82.0473



67.8864, 69.2151, 72.7099

Complementary

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



63.9534, 69.2151, 71.6172



65.2965, 66.7649, 76.4667

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.



68.0811, 69.2151, 76.0148



63.9534, 69.2151, 71.6172



66.7290, 69.2151, 81.4713

Square

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



63.9534, 69.2151, 71.6172



64.4654, 69.2151, 80.7892



67.6551, 69.2151, 79.2382



67.1263, 69.2151, 70.1863

Rectangle

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



63.9534, 69.2151, 71.6172



63.6027, 69.2151, 76.9863



67.6551, 69.2151, 79.2382



68.0205, 69.2151, 73.7636

Sweetspot

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



63.9553, 69.2181, 71.6187



93.7102, 99.3564, 106.7085



66.3059, 70.4298, 71.7286



20.0720, 21.2731, 22.8631



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.



63.9553, 69.2181, 71.6187



89.7974, 97.4769, 100.3085



64.4634, 69.4213, 74.2943



13.7738, 15.0325, 15.3170



15.0204, 30.0408, 5.0069



0.9731, 1.9462, 0.3244

Inverse Universe

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



65.2965, 66.7649, 76.4667



91.8819, 93.6639, 107.8438



64.7758, 66.5566, 73.7249



14.1496, 14.3452, 16.6752



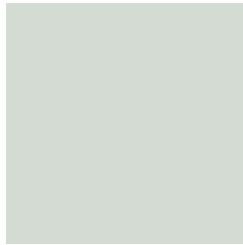
24.9035, 11.9624, 40.7332



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 63.9534, 69.2151, 71.6172 looks on a white background.

Color Contrast Check

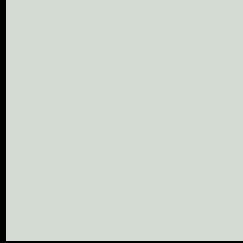
Large Text (above 18pt) WCAG AA × Fail

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 63.9534, 69.2151, 71.6172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

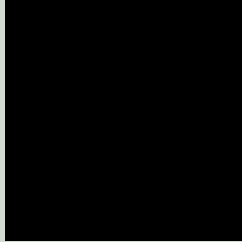
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

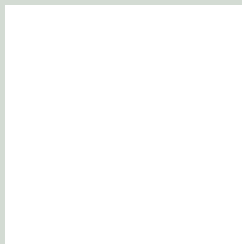
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9534, 69.2151, 71.6172

Background



This preview shows how black text looks on a background with the XYZ color 63.9534, 69.2151, 71.6172.

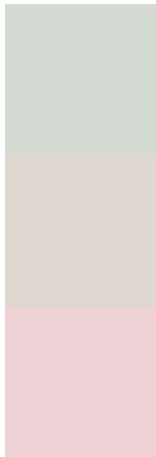


This preview shows how white text looks on a background with the XYZ color 63.9534, 69.2151,

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

63.9534, 69.2151, 71.6172

Protanopia

66.1887, 69.2448, 70.1987

Deuteranopia

70.6534, 69.2480, 72.5932



Tritanopia

66.9954, 69.2911, 86.9343

Trichromacy



Original Color

63.9534, 69.2151, 71.6172

Protanomaly

65.3592, 69.1843, 70.8819

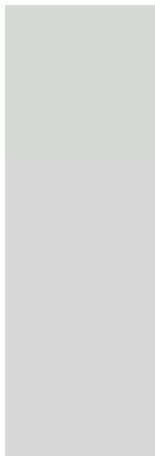
Deuteranomaly

67.9910, 69.0000, 72.0222

Tritanomaly

65.8440, 69.2081, 81.1223

Monochromacy



Original Color

63.9534, 69.2151, 71.6172

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.6820, 68.7769, 73.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9534, 69.2151, 71.6172 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(211, 219, 211) looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 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(211, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 211) }
```

Border

The CSS property to change the border of an element to XYZ 63.9534, 69.2151, 71.6172 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(211, 219, 211) }
```


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

```
.border{ border-color:rgb(211, 219, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9534, 69.2151, 71.6172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 211) }
```

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

```
.background{ background-color: rgb(211,  
219, 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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