

Converting Colors

XYZ(63.8956, 70.3358, 70.2457)

Have a look what the booklet for
XYZ(63.8956, 70.3358, 70.2457)
contains.

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Color

**XYZ(63.9244, 70.4013,
70.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DED1
RGB	209, 222, 209
RGB Percent	82%, 87%, 82%
CMY	0.1804, 0.1294, 0.1804
CMYK	0.06, 0.00, 0.06, 0.13
HSL	120°, 16%, 85%
HSV	120°, 6%, 87%
XYZ	63.9244, 70.4013, 70.5412
YIQ	216.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

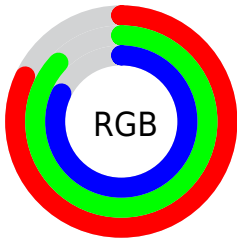
Format	Color
R _Y B	209, 222, 222
Decimal	13754065
CIE Lab	87.19, -6.73, 4.86
CIE LCh	87, 8.299, 144.140
Yxy	70.4013, 0.3120, 0.3436
Android (android.graphics.Color)	4291944145 (0xFFD1DED1)
YUV	216.6310, -3.7621, -6.6924
Hunter-Lab	83.9055, -10.8422, 8.8874

Details

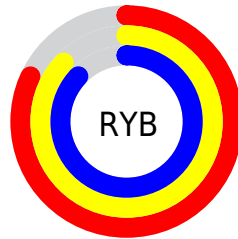
The XYZ color **63.9244, 70.4013, 70.5412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1121, 66.4062, 78.4440**, and the grayscale version is **65.7291, 69.1521, 75.3067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2527, 36.9726, 36.3942** is the 20% darker color. If you saturate the color by 10%, you get **55.5159, 66.3643, 56.7858**, and if you desaturate by 10%, it is **73.5952, 75.0488, 86.3579**.

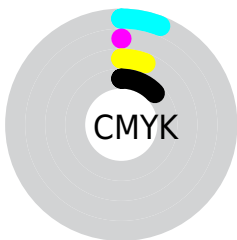
Distribution



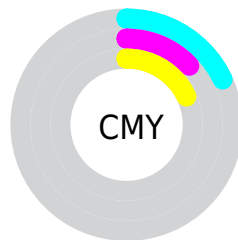
- Red (82%)
- Green (87%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9244, 70.4013, 70.5412 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 63.9244, 70.4013, 70.5412 by changing the saturation by 10% instead.

63.9244, 70.4013,
70.5412

63.9244, 70.4013,
70.5412

428.5231,
461.9578, 481.2883

46.8509, 51.8538,
51.4883

109.5764,
119.7809, 121.6686

33.1253, 36.8885,
36.2180

138.8856,
151.3817, 154.5801

22.3821, 25.1212,
24.3116

173.0041,
188.1024, 192.9484

14.2561, 16.1674,
15.3506

212.2972,
230.3273, 237.1918

8.3819, 9.6427,
8.9164

257.1303,
278.4409, 287.7290

4.3941, 5.1627,
4.5906

307.8688,

1.9274, 2.3430,

332.8276, 344.9785

1.9547

364.8779,
393.8718, 409.3587

■ 0.5927, 0.7963,
0.5272

■ 0.0000, 0.0000,
0.0000

■ 63.9244, 70.4013,
70.5412

■ 63.9244, 70.4013,
70.5412

■ 55.5159, 66.3643,
56.7858

■ 73.5952, 75.0488,
86.3579

■ 48.3120, 62.9039,
45.0025

■ 84.5711, 80.3210,
104.3109

■ 42.2593, 59.9965,
35.1024

■ 85.4126, 80.7253,
105.6875

■ 37.2984, 57.6135,
26.9878

■ 33.3641, 55.7237,
20.5526

■ 30.3847, 54.2925,
15.6791

■ 28.2789, 53.2810,
12.2347

■ 26.9524, 52.6438,
10.0648

■ 26.2882, 52.3248,
8.9783

Harmonies

Analogous

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



65.3942, 70.4013, 67.2769



63.9244, 70.4013, 70.5412



63.2571, 70.4013, 75.5650

Triad

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



63.9244, 70.4013, 70.5412



66.5326, 70.4013, 87.8288



70.3909, 70.4013, 72.3512

Complementary

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



63.9244, 70.4013, 70.5412



66.1121, 66.4062, 78.4440

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.



70.7099, 70.4013, 77.7555



63.9244, 70.4013, 70.5412



68.4578, 70.4013, 86.8666

Square

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



63.9244, 70.4013, 70.5412



64.7440, 70.4013, 85.6816



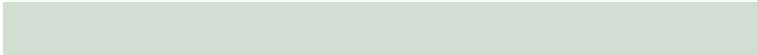
69.9961, 70.4013, 83.1123



69.1326, 70.4013, 68.2858

Rectangle

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



63.9244, 70.4013, 70.5412



63.3476, 70.4013, 79.3055



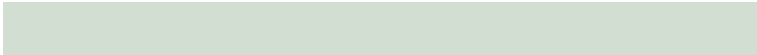
69.9961, 70.4013, 83.1123



70.6125, 70.4013, 74.0643

Sweetspot

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



63.9264, 70.4043, 70.5427



92.3882, 98.7214, 104.5461



67.7572, 72.3792, 70.7219



19.8027, 21.1438, 22.4228



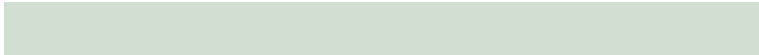
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



63.9264, 70.4043, 70.5427



86.0432, 95.6736, 94.1677



64.7481, 70.7330, 74.8698



13.8950, 15.5131, 15.1530



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



66.1121, 66.4062, 78.4440



89.6176, 89.1353, 107.0891



65.2571, 66.0643, 73.9418



14.5159, 14.3773, 17.3977



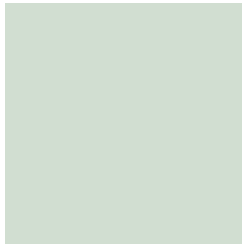
25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 63.9244, 70.4013, 70.5412 looks on a white background.

Color Contrast Check

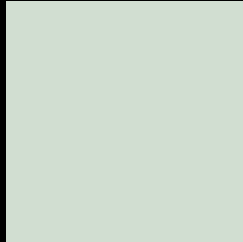
Large Text (above 18pt) WCAG AA × Fail

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 63.9244, 70.4013, 70.5412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

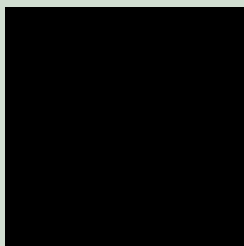
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

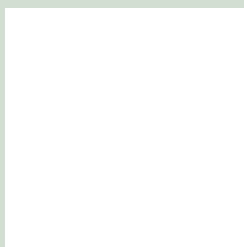
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9244, 70.4013, 70.5412

Background



This preview shows how black text looks on a background with the XYZ color 63.9244, 70.4013, 70.5412.



This preview shows how white text looks on a background with the XYZ color 63.9244, 70.4013,

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



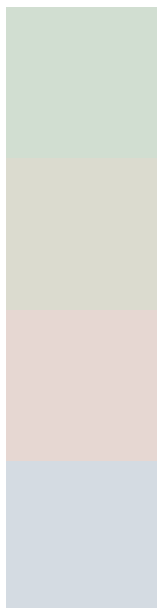
Original Color
63.9244, 70.4013, 70.5412
Protanopia
67.0048, 70.0895, 68.3896
Deuteranopia
71.6701, 70.1689, 71.3946



Tritanopia

67.5074, 70.2871, 88.6060

Trichromacy



Original Color

63.9244, 70.4013, 70.5412

Protanomaly

65.8074, 70.2281, 69.1184

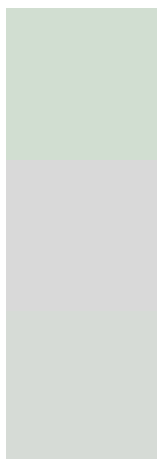
Deuteranomaly

68.5664, 70.0770, 70.8851

Tritanomaly

66.2104, 70.1511, 82.0024

Monochromacy



Original Color

63.9244, 70.4013, 70.5412

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.2007, 69.8142, 73.6574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9244, 70.4013, 70.5412 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, 209) looks like.

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

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, 209) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 63.9244, 70.4013, 70.5412 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, 209) }
```


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

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

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, 209)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 63.9244, 70.4013, 70.5412 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, 209) }
```

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

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

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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