

Converting Colors

XYZ(64.8218, 71.2738, 70.0861)

Have a look what the booklet for
XYZ(64.8218, 71.2738, 70.0861)
contains.

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Color

**XYZ(64.9242, 71.3265,
70.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DFD0
RGB	212, 223, 208
RGB Percent	83%, 87%, 82%
CMY	0.1686, 0.1255, 0.1843
CMYK	0.05, 0.00, 0.07, 0.13
HSL	104°, 19%, 85%
HSV	104°, 7%, 87%
XYZ	64.9242, 71.3265, 70.0200
YIQ	218.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

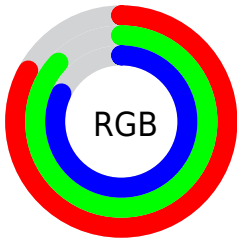
Format	Color
RYB	208, 223, 219
Decimal	13950928
CIELab	87.64, -6.39, 6.07
CIELCh	88, 8.813, 136.513
Yxy	71.3265, 0.3148, 0.3458
Android (android.graphics.Color)	4292141008 (0xFFD4DFD0)
YUV	218.0010, -4.9305, -5.2629
Hunter-Lab	84.4550, -10.5757, 9.9623

Details

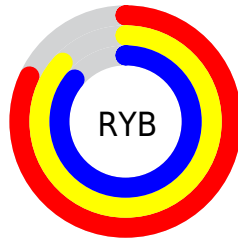
The XYZ color **64.9242, 71.3265, 70.0200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0914, 65.5015, 79.0282**, and the grayscale version is **66.6767, 70.1491, 76.3924**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7400, 37.5065, 36.0330** is the 20% darker color. If you saturate the color by 10%, you get **57.8931, 67.9989, 56.3617**, and if you desaturate by 10%, it is **72.8228, 75.0608, 85.7356**.

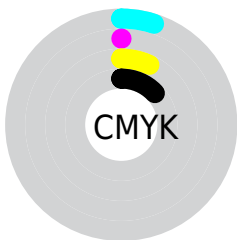
Distribution



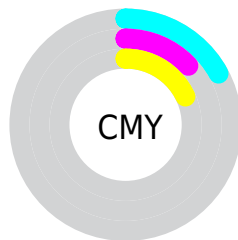
- Red (83%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9242, 71.3265, 70.0200 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 64.9242, 71.3265, 70.0200 by changing the saturation by 10% instead.

■ 64.9242, 71.3265,
70.0200

■ 64.9242, 71.3265,
70.0200

432.0690,
465.1940, 479.4112

■ 47.6641, 52.6087,
51.0659

111.0072,
121.0985, 120.9187

■ 33.7711, 37.4905,
35.8840

140.5608,
152.9215, 153.7003

■ 22.8799, 25.5875,
24.0556

174.9429,
189.8817, 191.9283

■ 14.6250, 16.5153,
15.1623

214.5189,
232.3634, 236.0211

■ 8.6412, 9.8895,
8.7855

259.6542,
280.7511, 286.3972

■ 4.5632, 5.3258,
4.5066

310.7141,

■ 2.0254, 2.4396,

335.4292, 343.4753

1.9072

368.0639,
396.7820, 407.6738

■ 0.6482, 0.8462,
0.4973

■ 0.0000, 0.0000,
0.0000

■ 64.9242, 71.3265,
70.0200

■ 64.9242, 71.3265,
70.0200

■ 57.8931, 67.9989,
56.3617

■ 72.8228, 75.0608,
85.7356

■ 51.6933, 65.0552,
44.6712

■ 81.6116, 79.2056,
103.5838

■ 46.2949, 62.4838,
34.8589

■ 85.6791, 81.2582,
105.7764

■ 41.6639, 60.2694,
26.8269

■ 37.7635, 58.3953,
20.4682

■ 34.5538, 56.8437,
15.6644

■ 31.9909, 55.5947,
12.2815

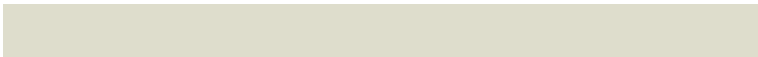
■ 30.0249, 54.6260,
10.1629

■ 28.5957, 53.9111,
9.1083

Harmonies

Analogous

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



66.6597, 71.3265, 67.1584



64.9242, 71.3265, 70.0200



63.9665, 71.3265, 75.0132

Triad

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



64.9242, 71.3265, 70.0200



66.8622, 71.3265, 89.3806



71.7136, 71.3265, 74.4420

Complementary

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



64.9242, 71.3265, 70.0200



65.0914, 65.5015, 79.0282

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.



71.7706, 71.3265, 80.3733



64.9242, 71.3265, 70.0200



68.9405, 71.3265, 89.2083

Square

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



64.9242, 71.3265, 70.0200



65.0698, 71.3265, 86.3011



70.7465, 71.3265, 85.8417



70.5925, 71.3265, 69.6204

Rectangle

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



64.9242, 71.3265, 70.0200



63.8850, 71.3265, 78.9731



70.7465, 71.3265, 85.8417



71.8587, 71.3265, 76.3664

Sweetspot

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



64.9262, 71.3296, 70.0216



92.8769, 98.9733, 104.5689



67.1511, 70.9083, 69.8230



19.9023, 21.1951, 22.4274



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.



64.9262, 71.3296, 70.0216



86.6458, 96.0270, 92.2630



64.2230, 70.9167, 72.2622



13.8698, 15.5130, 14.5701



16.6834, 31.6331, 5.2265



1.2402, 2.2358, 0.3662

Inverse Universe

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



65.0914, 65.5015, 79.0282



86.9115, 86.6510, 106.7523



65.8421, 65.9424, 76.6245



13.9199, 13.7423, 17.3065



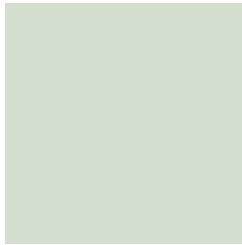
16.8919, 7.8034, 41.6643



1.2543, 0.5839, 2.8918

Previews

White Background



This preview shows how the XYZ color 64.9242, 71.3265, 70.0200 looks on a white background.

Color Contrast Check

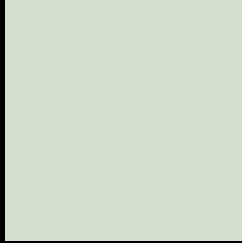
Large Text (above 18pt) WCAG AA × Fail

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 64.9242, 71.3265, 70.0200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

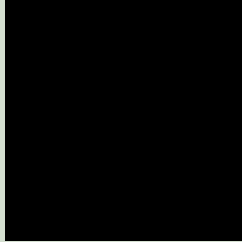
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

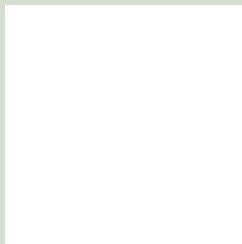
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9242, 71.3265, 70.0200

Background



This preview shows how black text looks on a background with the XYZ color 64.9242, 71.3265, 70.0200.



This preview shows how white text looks on a background with the XYZ color 64.9242, 71.3265,

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

64.9242, 71.3265, 70.0200

Protanopia

68.1506, 71.4502, 68.5919

Deuteranopia

72.4846, 70.9732, 70.8516



Tritanopia

68.7907, 71.3181, 89.4970

Trichromacy



Original Color

64.9242, 71.3265, 70.0200

Protanomaly

66.9799, 71.2210, 69.2483

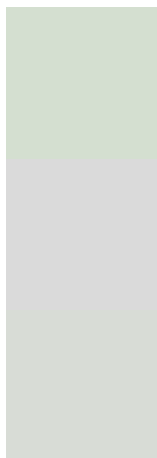
Deuteranomaly

69.3432, 70.8710, 70.3463

Tritanomaly

67.3450, 71.1245, 82.1304

Monochromacy



Original Color

64.9242, 71.3265, 70.0200

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0497, 70.6404, 73.7721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9242, 71.3265, 70.0200 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(212, 223, 208) looks like.

```
.text, #text, p{  
    color:rgb(212, 223, 208)  
}
```

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(212, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 223, 208) }
```

Border

The CSS property to change the border of an element to XYZ 64.9242, 71.3265, 70.0200 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(212, 223, 208) }
```


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

```
.border{ border-color:rgb(212, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(212, 223,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9242, 71.3265, 70.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 223, 208) }
```

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

```
.background{ background-color: rgb(212,  
223, 208) }
```

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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