

Converting Colors

XYZ(62.3906, 64.9143, 71.4294)

Have a look what the booklet for
XYZ(62.3906, 64.9143, 71.4294)
contains.

XYZ(62.3708, 64.9928, 71.5449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(62.3708, 64.9928,
71.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2D4
RGB	213, 210, 212
RGB Percent	84%, 82%, 83%
CMY	0.1647, 0.1765, 0.1686
CMYK	0.00, 0.01, 0.00, 0.16
HSL	320°, 3%, 83%
HSV	320°, 1%, 84%
XYZ	62.3708, 64.9928, 71.5449
YIQ	211.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

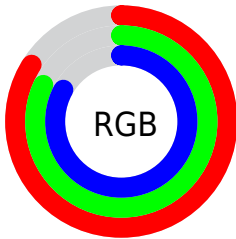
Format	Color
R _Y B	213, 210, 212
Decimal	14013140
CIE Lab	84.48, 1.39, -0.63
CIE LCh	84, 1.528, 335.524
Yxy	64.9928, 0.3136, 0.3267
Android (android.graphics.Color)	4292203220 (0xFFD5D2D4)
YUV	211.1250, 0.4314, 1.6444
Hunter-Lab	80.6181, -2.9838, 3.8155

Details

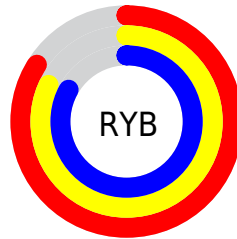
The XYZ color **62.3708, 64.9928, 71.5449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1329, 65.9949, 71.0948**, and the grayscale version is **61.9977, 65.2265, 71.0316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0748, 33.4804, 36.6701** is the 20% darker color. If you saturate the color by 10%, you get **56.5817, 54.8174, 65.2888**, and if you desaturate by 10%, it is **68.9030, 76.5894, 78.2450**.

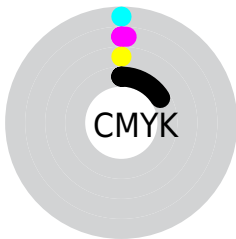
Distribution



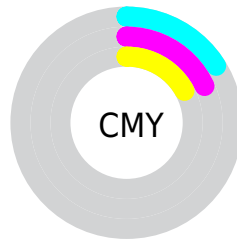
- Red (84%)
- Green (82%)
- Blue (83%)



- Red (84%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3708, 64.9928, 71.5449 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 62.3708, 64.9928, 71.5449 by changing the saturation by 10% instead.

■ 62.3708, 64.9928,
71.5449

■ 62.3708, 64.9928,
71.5449

422.9784,
442.7661, 484.8909

■ 45.5891, 47.4552,
52.3024

107.3482,
112.0395, 123.1110

■ 32.1250, 33.3957,
36.8623

136.2746,
142.3174, 156.2717

■ 21.6130, 22.4297,
24.8059

169.9799,
177.6110, 194.9088

■ 13.6878, 14.1730,
15.7148

208.8296,
218.3045, 239.4410

■ 7.9841, 8.2411,
9.1704

253.1889,
264.7823, 290.2868

■ 4.1365, 4.2496,
4.7542

303.4233,

■ 1.7796, 1.8141,

317.4290, 347.8647

2.0476

359.8980,
376.6287, 412.5932

■ 0.5054, 0.4960,
0.5843

■ 0.0000, 0.0000,
0.0000

■ 62.3708, 64.9928,
71.5449

■ 62.3708, 64.9928,
71.5449

■ 56.5817, 54.8174,
65.2888

■ 68.9030, 76.5894,
78.2450

■ 51.5023, 45.9997,
59.4608

■ 76.1991, 89.6509,
85.3962

■ 47.1045, 38.4838,
54.0498

■ 77.9554, 91.5681,
90.9004

■ 43.3565, 32.2068,
49.0426

■ 78.9936, 91.9834,
96.3671

■ 40.2238, 27.1004,
44.4251

■ 80.0731, 92.4152,
102.0518

■ 37.6684, 23.0897,
40.1818

■ 81.1945, 92.8637,
107.9570

■ 35.6480, 20.0910,
36.2961

■ 81.2509, 92.8863,
108.2542

■ 34.1144, 18.0085,
32.7490

■ 33.0099, 16.7279,
29.5183

Harmonies

Analogous

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



62.1545, 64.9928, 72.3013



62.3708, 64.9928, 71.5449



62.4269, 64.9928, 70.5860

Triad

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



62.3708, 64.9928, 71.5449



61.7108, 64.9928, 68.9183



61.2430, 64.9928, 71.8599

Complementary

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



62.3708, 64.9928, 71.5449



62.1329, 65.9949, 71.0948

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.



61.1251, 64.9928, 70.9465



62.3708, 64.9928, 71.5449



61.3945, 64.9928, 69.2528

Square

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



62.3708, 64.9928, 71.5449



62.0450, 64.9928, 69.0752



61.1804, 64.9928, 69.9930



61.5032, 64.9928, 72.4844

Rectangle

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



62.3708, 64.9928, 71.5449



62.3657, 64.9928, 69.9622



61.1804, 64.9928, 69.9930



61.1855, 64.9928, 71.5762

Sweetspot

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



62.3726, 64.9956, 71.5463

95.0500, 100.0000, 108.9000



61.9233, 64.7494, 72.1858



20.3446, 21.4041, 23.3091



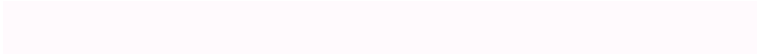
0.0000, 0.0000, 0.0000

Same Dimension

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



62.3726, 64.9956, 71.5463



93.1717, 96.6799, 106.9281



62.1846, 64.9204, 70.5562



13.7443, 14.2752, 15.7719



19.7899, 9.8523, 16.7295



1.2313, 0.6093, 1.2076

Inverse Universe

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



62.3726, 64.9956, 71.5463



93.1717, 96.6799, 106.9281



62.3215, 66.0704, 72.0880



13.7443, 14.2752, 15.7719



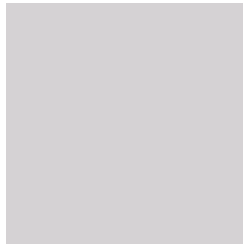
19.7899, 9.8523, 16.7295



1.2313, 0.6093, 1.2076

Previews

White Background



This preview shows how the XYZ color 62.3708, 64.9928, 71.5449 looks on a white background.

Color Contrast Check

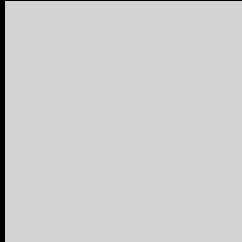
Large Text (above 18pt) WCAG AA × Fail

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 62.3708, 64.9928, 71.5449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

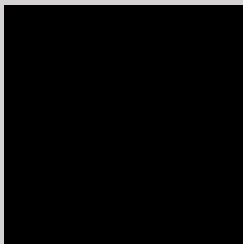
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

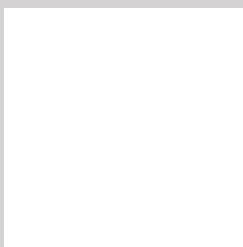
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3708, 64.9928, 71.5449

Background



This preview shows how black text looks on a background with the XYZ color 62.3708, 64.9928, 71.5449.

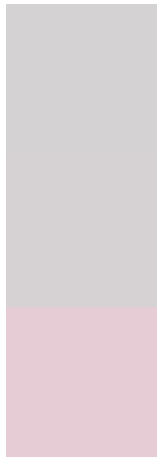


This preview shows how white text looks on a background with the XYZ color 62.3708, 64.9928,

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

62.3708, 64.9928, 71.5449

Protanopia

62.6618, 65.1428, 71.5585

Deuteranopia

66.2362, 64.8128, 71.9699



Tritanopia

64.0348, 64.9406, 79.6808

Trichromacy



Original Color

62.3708, 64.9928, 71.5449

Protanomaly

62.6618, 65.1428, 71.5585

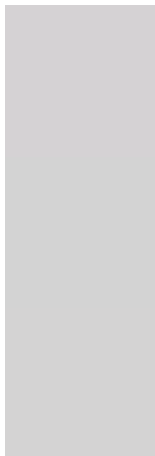
Deuteranomaly

64.8220, 64.7940, 72.0408

Tritanomaly

63.4503, 65.0644, 76.9246

Monochromacy



Original Color

62.3708, 64.9928, 71.5449

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.2035, 65.2887, 70.9515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3708, 64.9928, 71.5449 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(213, 210, 212) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 212)  
}
```

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(213, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 62.3708, 64.9928, 71.5449 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(213, 210, 212) }
```

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

```
.border{ border-color:rgb(213, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
212) }
```


Background

The CSS property to change the background color of an element to XYZ 62.3708, 64.9928, 71.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 212) }
```

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

```
.background{ background-color: rgb(213,  
210, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor