

Converting Colors

XYZ(61.6984, 62.6439, 72.1990)

Have a look what the booklet for
XYZ(61.6984, 62.6439, 72.1990)
contains.

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Color

**XYZ(61.9933, 62.9648,
72.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CDD6
RGB	215, 205, 214
RGB Percent	84%, 80%, 84%
CMY	0.1569, 0.1961, 0.1608
CMYK	0.00, 0.05, 0.00, 0.16
HSL	306°, 11%, 82%
HSV	306°, 5%, 84%
XYZ	61.9933, 62.9648, 72.5043
YIQ	209.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

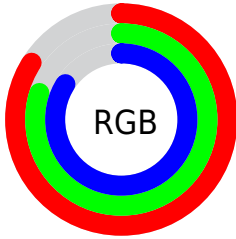
Format	Color
R _Y B	215, 205, 214
Decimal	14142934
CIE Lab	83.42, 5.07, -3.23
CIE LCh	83, 6.006, 327.491
Yxy	62.9648, 0.3139, 0.3189
Android (android.graphics.Color)	4292333014 (0xFFD7CDD6)
YUV	209.0160, 2.4571, 5.2480
Hunter-Lab	79.3504, 0.5919, 1.3706

Details

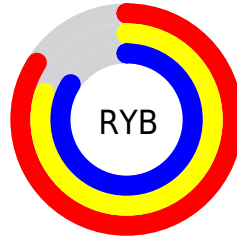
The XYZ color **61.9933, 62.9648, 72.5043** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6203, 66.0380, 67.9475**, and the grayscale version is **60.5994, 63.7553, 69.4295**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8218, 32.1100, 37.3215** is the 20% darker color. If you saturate the color by 10%, you get **56.9274, 53.2689, 69.4697**, and if you desaturate by 10%, it is **67.7732, 74.0810, 75.7963**.

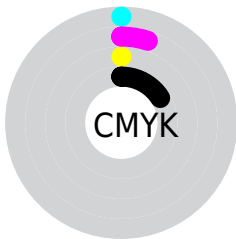
Distribution



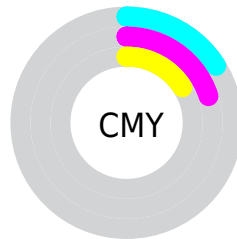
- Red (84%)
- Green (80%)
- Blue (84%)



- Red (84%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9933, 62.9648, 72.5043 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 61.9933, 62.9648, 72.5043 by changing the saturation by 10% instead.

61.9933, 62.9648,
72.5043

61.9933, 62.9648,
72.5043

421.6246,
435.4417, 488.3196

45.2829, 45.8127,
53.0814

106.8058,
109.1187, 124.4876

31.8825, 32.0981,
37.4796

135.6387,
138.8894, 157.8851

21.4269, 21.4364,
25.2803

169.2430,
173.6350, 196.7779

13.5506, 13.4434,
16.0651

207.9842,
213.7400, 241.5844

7.8884, 7.7346,
9.4154

252.2276,
259.5888, 292.7234

4.0748, 3.9256,
4.9126

302.3385,

1.7446, 1.6320,

311.5658, 350.6132

2.1382

358.6824,
370.0553, 415.6724

■ 0.4839, 0.3790,
0.6384

■ 0.0000, 0.0000,
0.0000

■ 61.9933, 62.9648,
72.5043

■ 61.9933, 62.9648,
72.5043

■ 56.9274, 53.2689,
69.4697

■ 67.7732, 74.0810,
75.7963

■ 52.5413, 44.9278,
66.6789

■ 74.2886, 86.6633,
79.3506

■ 48.8063, 37.8831,
64.1228

■ 76.7634, 91.1588,
81.5762

■ 45.6895, 32.0690,
61.7905

■ 77.0511, 91.2738,
83.0907

43.1549, 27.4137,
59.6699

77.3424, 91.3903,
84.6247

41.1632, 23.8382,
57.7478

77.6374, 91.5083,
86.1782

39.6696, 21.2536,
56.0093

77.9361, 91.6278,
87.7512

38.6229, 19.5569,
54.4371

78.2385, 91.7488,
89.3437

37.9600, 18.6222,
53.0102

78.5447, 91.8713,
90.9560

Harmonies

Analogous

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



61.0152, 62.9648, 75.1514



61.9933, 62.9648, 72.5043



62.3954, 62.9648, 68.8739

Triad

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



61.9933, 62.9648, 72.5043



59.9564, 62.9648, 61.6076



57.6417, 62.9648, 71.9386

Complementary

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



61.9933, 62.9648, 72.5043



60.6203, 66.0380, 67.9475

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.



57.3673, 62.9648, 68.2430



61.9933, 62.9648, 72.5043



58.6921, 62.9648, 62.3619

Square

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



61.9933, 62.9648, 72.5043



61.2087, 62.9648, 62.6586



57.7492, 62.9648, 64.7575



58.5040, 62.9648, 74.8165

Rectangle

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



61.9933, 62.9648, 72.5043



62.2783, 62.9648, 66.4148



57.7492, 62.9648, 64.7575



57.4782, 62.9648, 70.7467

Sweetspot

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



61.9951, 62.9675, 72.5057



94.2008, 98.3674, 108.4144



59.5534, 61.6940, 73.0604



20.1718, 21.0719, 23.2103



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.



61.9951, 62.9675, 72.5057



90.1163, 90.5255, 106.0443



61.3664, 62.7160, 69.1951



13.2144, 13.2183, 15.5862



22.5743, 10.9660, 31.3918



1.3774, 0.6678, 1.9768

Inverse Universe

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



61.9951, 62.9675, 72.5057



90.1163, 90.5255, 106.0443



61.2373, 66.2848, 71.1967



13.2144, 13.2183, 15.5862



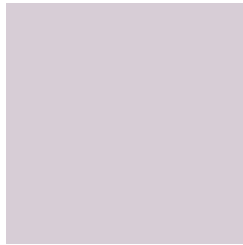
22.5743, 10.9660, 31.3918



1.3774, 0.6678, 1.9768

Previews

White Background



This preview shows how the XYZ color 61.9933, 62.9648, 72.5043 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 61.9933, 62.9648, 72.5043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

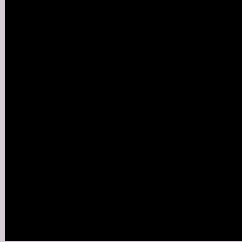
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9933, 62.9648, 72.5043

Background



This preview shows how black text looks on a background with the XYZ color 61.9933, 62.9648, 72.5043.

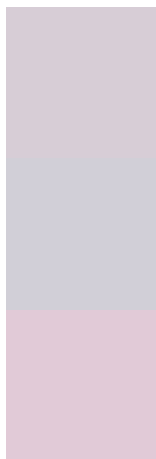


This preview shows how white text looks on a background with the XYZ color 61.9933, 62.9648,

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

61.9933, 62.9648, 72.5043

Protanopia

60.8731, 63.0873, 73.2587

Deuteranopia

64.4376, 63.1549, 73.0839



Tritanopia

62.8300, 62.9520, 76.5496

Trichromacy



Original Color

61.9933, 62.9648, 72.5043

Protanomaly

61.2010, 62.8978, 73.2048

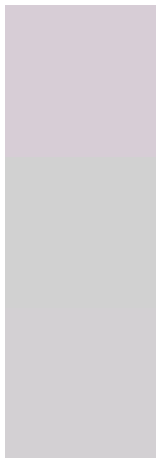
Deuteranomaly

63.4405, 62.9903, 73.1047

Tritanomaly

62.5667, 62.8466, 75.1627

Monochromacy



Original Color

61.9933, 62.9648, 72.5043

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1777, 63.6638, 70.6919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9933, 62.9648, 72.5043 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(215, 205, 214) looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 214)  
}
```

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(215, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 214) }
```

Border

The CSS property to change the border of an element to XYZ 61.9933, 62.9648, 72.5043 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(215, 205, 214) }
```


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

```
.border{ border-color:rgb(215, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9933, 62.9648, 72.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 214) }
```

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

```
.background{ background-color: rgb(215,  
205, 214) }
```

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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