

Converting Colors

XYZ(61.6143, 68.3203, 72.3007)

Have a look what the booklet for
XYZ(61.6143, 68.3203, 72.3007)
contains.

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Color

**XYZ(61.5643, 68.3574,
72.2369)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DCD4
RGB	201, 220, 212
RGB Percent	79%, 86%, 83%
CMY	0.2118, 0.1372, 0.1686
CMYK	0.09, 0.00, 0.04, 0.14
HSL	155°, 21%, 83%
HSV	155°, 9%, 86%
XYZ	61.5643, 68.3574, 72.2369
YIQ	213.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

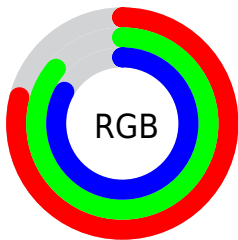
Format	Color
R_{YB}	201, 213, 220
Decimal	13229268
CIE Lab	86.18, -7.84, 1.75
CIE LCh	86, 8.031, 167.433
Yxy	68.3574, 0.3045, 0.3381
Android (android.graphics.Color)	4291419348 (0xFFC9DCD4)
YUV	213.4070, -0.6937, -10.8809
Hunter-Lab	82.6785, -11.7723, 6.0728

Details

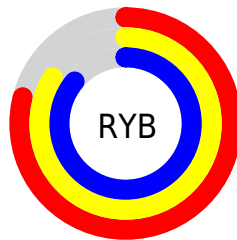
The XYZ color **61.5643, 68.3574, 72.2369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9130, 61.5942, 68.9506**, and the grayscale version is **63.5287, 66.8371, 72.7856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5736, 35.5476, 37.0956** is the 20% darker color. If you saturate the color by 10%, you get **54.9332, 65.0721, 66.0000**, and if you desaturate by 10%, it is **69.1134, 72.1120, 78.8698**.

Distribution



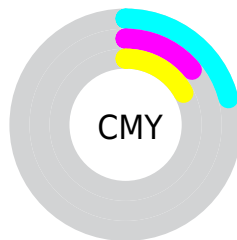
- Red (79%)
- Green (86%)
- Blue (83%)



- Red (79%)
- Yellow (84%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5643, 68.3574, 72.2369 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 61.5643, 68.3574, 72.2369 by changing the saturation by 10% instead.

61.5643, 68.3574,
72.2369

61.5643, 68.3574,
72.2369

420.0829,
454.7613, 487.3654

44.9350, 50.1886,
52.8642

106.1891,
116.8633, 124.1041

31.6073, 35.5632,
37.3074

134.9153,
147.9691, 157.4357

21.2158, 24.0971,
25.1479

168.4044,
184.1560, 196.2574

13.3952, 15.4056,
15.9673

207.0220,
225.8085, 240.9877

7.7801, 9.1046,
9.3469

251.1333,
273.3108, 292.0451

4.0052, 4.8095,
4.8682

301.1036,

1.7051, 2.1359,

327.0475, 349.8481

2.1128

357.2984,
387.4028, 414.8154

■ 0.4594, 0.6847,
0.6234

■ 0.0000, 0.0000,
0.0000

■ 61.5643, 68.3574,
72.2369

■ 61.5643, 68.3574,
72.2369

■ 54.9332, 65.0721,
66.0000

■ 69.1134, 72.1120,
78.8698

■ 49.1775, 62.2285,
60.1470

■ 77.6095, 76.3451,
85.9015

■ 44.2594, 59.8092,
54.6716

■ 82.5328, 78.7283,
93.1274

■ 40.1364, 57.7924,
49.5657

■ 83.9434, 79.2926,
100.5557

■ 36.7618, 56.1543,
44.8209

■ 84.8845, 79.6690,
105.5115

■ 34.0840, 54.8683,
40.4281

■ 32.0443, 53.9044,
36.3780

■ 30.5739, 53.2271,
32.6604

■ 29.5686, 52.7830,
29.2633

Harmonies

Analogous

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



62.3893, 68.3574, 67.7547



61.5643, 68.3574, 72.2369



61.6397, 68.3574, 77.5206

Triad

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



61.5643, 68.3574, 72.2369



66.0422, 68.3574, 84.5685



67.4055, 68.3574, 67.1825

Complementary

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



61.5643, 68.3574, 72.2369



61.9130, 61.5942, 68.9506

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.



68.4216, 68.3574, 71.4218



61.5643, 68.3574, 72.2369



67.6243, 68.3574, 81.5290

Square

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



61.5643, 68.3574, 72.2369



64.2015, 68.3574, 84.8123



68.5025, 68.3574, 76.6662



65.7480, 68.3574, 64.9308

Rectangle

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



61.5643, 68.3574, 72.2369



62.1903, 68.3574, 80.7891



68.5025, 68.3574, 76.6662



67.8347, 68.3574, 68.4129

Sweetspot

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



61.5662, 68.3603, 72.2384



91.7769, 98.3721, 106.0618



62.4988, 68.9960, 65.2829



19.4611, 20.9647, 22.5411



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.



61.5662, 68.3603, 72.2384



84.6016, 94.8079, 99.6363



62.2700, 68.1118, 77.5785



13.2009, 14.7320, 15.5210



17.3387, 30.9681, 17.2147



1.1660, 2.0233, 1.3400

Inverse Universe

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



61.9130, 61.5942, 68.9506



85.1616, 83.8812, 94.3269



61.2431, 61.8008, 63.9603



13.2824, 13.1421, 14.7485



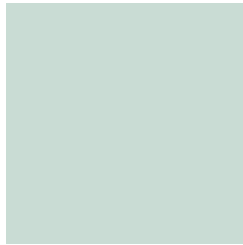
18.5257, 9.4113, 7.1484



1.2426, 0.6267, 0.6865

Previews

White Background



This preview shows how the XYZ color 61.5643, 68.3574, 72.2369 looks on a white background.

Color Contrast Check

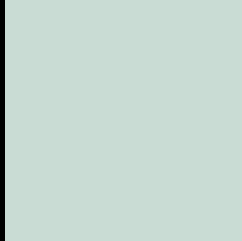
Large Text (above 18pt) WCAG AA × Fail

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 61.5643, 68.3574, 72.2369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

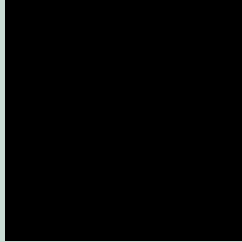
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

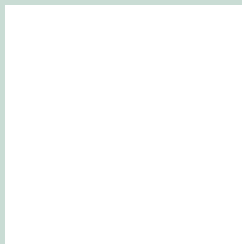
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5643, 68.3574, 72.2369

Background



This preview shows how black text looks on a background with the XYZ color 61.5643, 68.3574, 72.2369.



This preview shows how white text looks on a background with the XYZ color 61.5643, 68.3574,

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

61.5643, 68.3574, 72.2369

Protanopia

65.3740, 68.0687, 70.0146

Deuteranopia

69.2855, 67.7997, 73.0532



Tritanopia

64.8410, 68.5454, 87.6550

Trichromacy



Original Color

61.5643, 68.3574, 72.2369

Protanomaly

63.9203, 68.0610, 70.7409

Deuteranomaly

65.9851, 67.5790, 72.5171

Tritanomaly

63.7007, 68.4712, 81.8104

Monochromacy



Original Color

61.5643, 68.3574, 72.2369

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8606, 67.4711, 72.6609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5643, 68.3574, 72.2369 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(201, 220, 212) looks like.

```
.text, #text, p{  
    color:rgb(201, 220, 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(201, 220, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 220, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.5643, 68.3574, 72.2369 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(201, 220, 212) }
```


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

```
.border{ border-color:rgb(201, 220, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 220, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 220, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 220, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 220,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5643, 68.3574, 72.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 220, 212) }
```

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

```
.background{ background-color: rgb(201,  
220, 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](#).

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