

Converting Colors

XYZ(62.3679, 67.5574, 72.5374)

Have a look what the booklet for
XYZ(62.3679, 67.5574, 72.5374)
contains.

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Color

**XYZ(62.5552, 67.6952,
72.7203)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD9D5
RGB	207, 217, 213
RGB Percent	81%, 85%, 84%
CMY	0.1882, 0.1490, 0.1647
CMYK	0.05, 0.00, 0.02, 0.15
HSL	156°, 12%, 83%
HSV	156°, 5%, 85%
XYZ	62.5552, 67.6952, 72.7203
YIQ	213.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

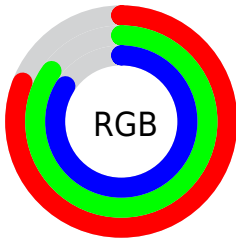
Format	Color
R _Y B	207, 213, 217
Decimal	13621717
CIE Lab	85.85, -4.10, 0.79
CIE LCh	86, 4.178, 169.123
Yxy	67.6952, 0.3082, 0.3335
Android (android.graphics.Color)	4291811797 (0xFFCFD9D5)
YUV	213.5540, -0.2731, -5.7479
Hunter-Lab	82.2771, -8.2715, 5.1907

Details

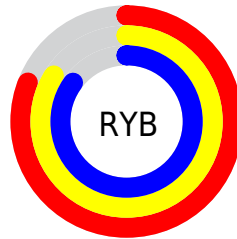
The XYZ color **62.5552, 67.6952, 72.7203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6884, 64.0822, 70.6963**, and the grayscale version is **63.6225, 66.9358, 72.8931**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2288, 35.0816, 37.4205** is the 20% darker color. If you saturate the color by 10%, you get **55.8316, 64.3549, 66.8055**, and if you desaturate by 10%, it is **70.1750, 71.4944, 78.9880**.

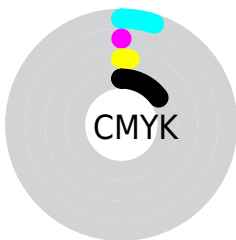
Distribution



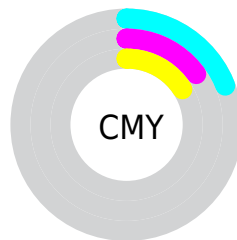
- Red (81%)
- Green (85%)
- Blue (84%)



- Red (81%)
- Yellow (84%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5552, 67.6952, 72.7203 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 62.5552, 67.6952, 72.7203 by changing the saturation by 10% instead.

■ 62.5552, 67.6952,
72.7203

■ 62.5552, 67.6952,
72.7203

423.6388,
452.4153, 489.0896

■ 45.7388, 49.6498,
53.2569

107.6130,
115.9160, 124.7973

■ 32.2435, 35.1352,
37.6187

136.5850,
146.8602, 158.2479

■ 21.7040, 23.7671,
25.3874

170.3396,
182.8728, 197.1980

■ 13.7549, 15.1609,
16.1443

209.2422,
224.3381, 242.0661

■ 8.0310, 8.9324,
9.4708

253.6580,
271.6407, 293.2708

■ 4.1667, 4.6971,
4.9486

303.9525,

■ 1.7969, 2.0707,

325.1648, 351.2306

2.1589

360.4909,
385.2949, 416.3640

■ 0.5158, 0.6481,
0.6505

■ 0.0000, 0.0000,
0.0000

■ 62.5552, 67.6952,
72.7203

■ 62.5552, 67.6952,
72.7203

■ 55.8316, 64.3549,
66.8055

■ 70.1750, 71.4944,
78.9880

■ 49.9637, 61.4472,
61.2327

■ 78.7179, 75.7607,
85.6105

■ 44.9164, 58.9559,
55.9969

■ 81.6423, 77.1236,
92.2873

■ 40.6500, 56.8606,
51.0911

■ 82.9570, 77.6495,
99.2108

■ 37.1211, 55.1392,
46.5083

■ 84.1042, 78.1083,
105.2514

■ 34.2822, 53.7672,
42.2408

■ 32.0798, 52.7172,
38.2808

■ 30.4520, 51.9574,
34.6197

■ 29.3236, 51.4491,
31.2483

Harmonies

Analogous

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



62.9633, 67.6952, 70.3191



62.5552, 67.6952, 72.7203



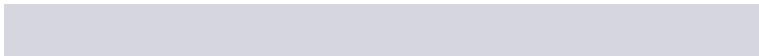
62.6223, 67.6952, 75.4454

Triad

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



62.5552, 67.6952, 72.7203



64.9459, 67.6952, 78.7915



65.5519, 67.6952, 69.8020

Complementary

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



62.5552, 67.6952, 72.7203



62.6884, 64.0822, 70.6963

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.



66.0934, 67.6952, 71.9986



62.5552, 67.6952, 72.7203



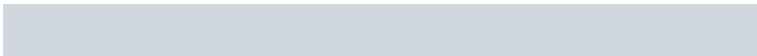
65.7412, 67.6952, 77.2052

Square

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



62.5552, 67.6952, 72.7203



63.9963, 67.6952, 78.9963



66.1630, 67.6952, 74.7057



64.6895, 67.6952, 68.6622

Rectangle

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



62.5552, 67.6952, 72.7203



62.9277, 67.6952, 77.0780



66.1630, 67.6952, 74.7057



65.7778, 67.6952, 70.4388

Sweetspot

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



62.5571, 67.6981, 72.7218



93.9542, 99.4540, 107.9933



62.9894, 68.0073, 68.8392



20.1216, 21.2930, 23.1246



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.



62.5571, 67.6981, 72.7218



88.6731, 96.8247, 103.5374



62.8574, 67.4752, 75.3602



13.6465, 14.9525, 15.9607



17.5194, 31.0404, 18.1663



1.1771, 2.0278, 1.3988

Inverse Universe

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



62.6884, 64.0822, 70.6963



88.9192, 90.0466, 99.7406



62.3951, 64.2889, 68.1528



13.6880, 13.8112, 15.3215



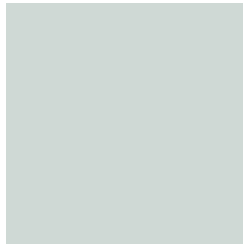
18.4086, 9.3645, 6.5319



1.2344, 0.6234, 0.6435

Previews

White Background



This preview shows how the XYZ color 62.5552, 67.6952, 72.7203 looks on a white background.

Color Contrast Check

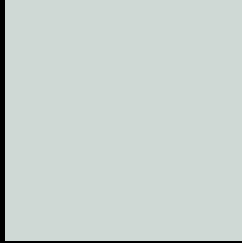
Large Text (above 18pt) WCAG AA × Fail

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 62.5552, 67.6952, 72.7203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

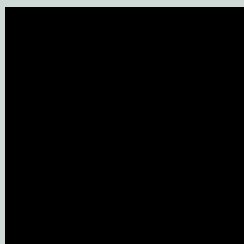
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

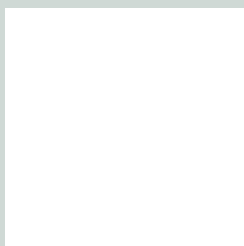
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5552, 67.6952, 72.7203

Background



This preview shows how black text looks on a background with the XYZ color 62.5552, 67.6952, 72.7203.

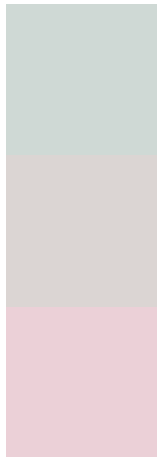


This preview shows how white text looks on a background with the XYZ color 62.5552, 67.6952,

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

62.5552, 67.6952, 72.7203

Protanopia

64.7655, 67.3517, 71.2147

Deuteranopia

69.0826, 67.6802, 73.7125



Tritanopia

65.0487, 67.5643, 85.2141

Trichromacy



Original Color

62.5552, 67.6952, 72.7203

Protanomaly

63.9546, 67.2937, 71.9056

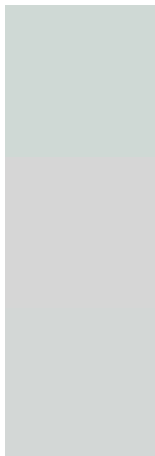
Deuteranomaly

66.4832, 67.4511, 73.1337

Tritanomaly

64.0495, 67.5380, 80.1814

Monochromacy



Original Color

62.5552, 67.6952, 72.7203

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3020, 67.3048, 73.2731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5552, 67.6952, 72.7203 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(207, 217, 213) looks like.

```
.text, #text, p{  
    color:rgb(207, 217, 213)  
}
```

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(207, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 217, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.5552, 67.6952, 72.7203 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(207, 217, 213) }
```


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

```
.border{ border-color:rgb(207, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 217,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5552, 67.6952, 72.7203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 217, 213) }
```

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

```
.background{ background-color: rgb(207,  
217, 213) }
```

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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