

Converting Colors

XYZ(62.7680, 67.0656, 75.5970)

Have a look what the booklet for
XYZ(62.7680, 67.0656, 75.5970)
contains.

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Color

**XYZ(62.5570, 66.8760,
75.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD7D9
RGB	207, 215, 217
RGB Percent	81%, 84%, 85%
CMY	0.1882, 0.1568, 0.1490
CMYK	0.05, 0.01, 0.00, 0.15
HSL	192°, 12%, 83%
HSV	192°, 5%, 85%
XYZ	62.5570, 66.8760, 75.2569
YIQ	212.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

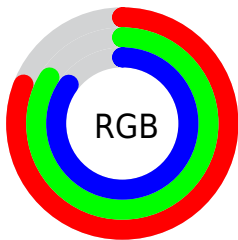
Format	Color
R _Y B	207, 211, 217
Decimal	13621209
CIE Lab	85.44, -2.32, -1.93
CIE LCh	85, 3.020, 219.786
Yxy	66.8760, 0.3056, 0.3267
Android (android.graphics.Color)	4291811289 (0xFFCFD7D9)
YUV	212.8360, 2.0529, -5.1182
Hunter-Lab	81.7777, -6.5651, 2.6821

Details

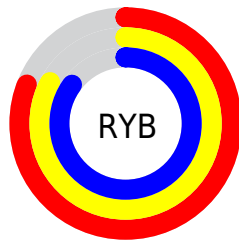
The XYZ color **62.5570, 66.8760, 75.2569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6786, 64.8573, 68.2479**, and the grayscale version is **63.1272, 66.4147, 72.3256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.2293, 34.5226, 39.1473** is the 20% darker color. If you saturate the color by 10%, you get **55.8179, 61.7873, 74.6309**, and if you desaturate by 10%, it is **70.1624, 72.4584, 75.9346**.

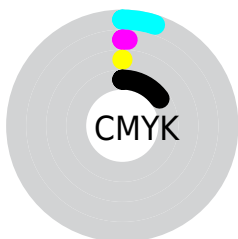
Distribution



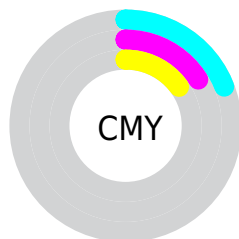
- Red (81%)
- Green (84%)
- Blue (85%)



- Red (81%)
- Yellow (83%)
- Blue (85%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5570, 66.8760, 75.2569 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 62.5570, 66.8760, 75.2569 by changing the saturation by 10% instead.

■ 62.5570, 66.8760,
75.2569

■ 62.5570, 66.8760,
75.2569

423.6452,
449.5033, 498.0791

■ 45.7402, 48.9839,
55.3204

107.6156,
114.7427, 128.4264

■ 32.2446, 34.6067,
39.2580

136.5880,
145.4861, 162.4964

■ 21.7049, 23.3601,
26.6511

170.3431,
181.2820, 202.1147

■ 13.7556, 14.8596,
17.0812

209.2462,
222.5148, 247.6999

■ 8.0314, 8.7209,
10.1299

253.6626,
269.5690, 299.6703

■ 4.1670, 4.5596,
5.3784

303.9576,

■ 1.7971, 1.9913,

322.8288, 358.4446

2.4084

360.4967,
382.6788, 424.4414

■ 0.5159, 0.6024,
0.7910

■ 0.0000, 0.0000,
0.0000

■ 62.5570, 66.8760,
75.2569

■ 62.5570, 66.8760,
75.2569

■ 55.8179, 61.7873,
74.6309

■ 70.1624, 72.4584,
75.9346

■ 49.9053, 57.1660,
74.0505

■ 78.6605, 78.5428,
76.6611

■ 44.7849, 52.9957,
73.5154

■ 81.5090, 81.7588,
77.1317

■ 40.4176, 49.2561,
73.0238

■ 82.7161, 84.1729,
77.5341

■ 36.7610, 45.9248,
72.5735

■ 83.9533, 86.6472,
77.9464

■ 33.7682, 42.9775,
72.1624

■ 85.2207, 89.1821,
78.3689

■ 31.3865, 40.3865,
71.7878

■ 86.5187, 91.7781,
78.8016

■ 29.5548, 38.1201,
71.4469

■ 87.8474, 94.4354,
79.2445

■ 28.1989, 36.1396,
71.1361

■ 89.2070, 97.1546,
79.6977

Harmonies

Analogous

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



62.2747, 66.8760, 73.4595



62.5570, 66.8760, 75.2569



63.1097, 66.8760, 76.4136

Triad

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



62.5570, 66.8760, 75.2569



64.8075, 66.8760, 74.1276



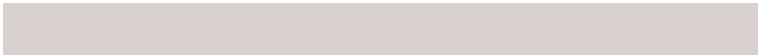
63.3401, 66.8760, 69.1627

Complementary

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



62.5570, 66.8760, 75.2569



62.6786, 64.8573, 68.2479

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.



64.0198, 66.8760, 69.3343



62.5570, 66.8760, 75.2569



64.8703, 66.8760, 72.1774

Square

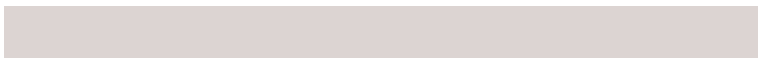
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.5570, 66.8760, 75.2569



64.4101, 66.8760, 75.7535



64.5810, 66.8760, 70.4296



62.7246, 66.8760, 69.9566

Rectangle

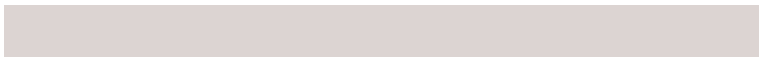
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5570, 66.8760, 75.2569



63.5587, 66.8760, 76.6537



64.5810, 66.8760, 70.4296



63.5686, 66.8760, 69.1097

Sweetspot

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



62.5589, 66.8788, 75.2584



93.9558, 99.1951, 108.8023



62.0341, 67.4874, 69.9715



20.1220, 21.2403, 23.2892



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

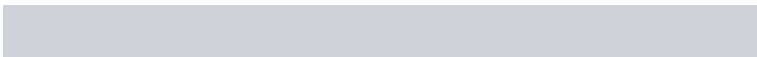
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5589, 66.8788, 75.2584



88.6765, 95.2790, 108.3247



61.3454, 64.4519, 74.8539



13.6470, 14.6914, 16.7686



16.7818, 21.4331, 42.9909



1.1445, 1.5032, 2.8043

Inverse Universe

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



63.1954, 64.2851, 73.3707



89.8738, 90.4285, 104.7673



63.8833, 67.2667, 68.6495



13.8488, 13.8755, 16.1685



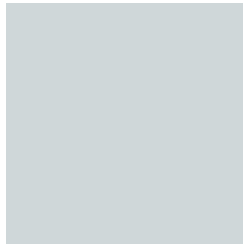
21.9660, 10.7874, 25.2649



1.4520, 0.7104, 1.7891

Previews

White Background



This preview shows how the XYZ color 62.5570, 66.8760, 75.2569 looks on a white background.

Color Contrast Check

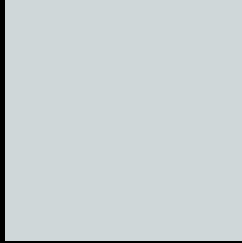
Large Text (above 18pt) WCAG AA × Fail

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 62.5570, 66.8760, 75.2569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

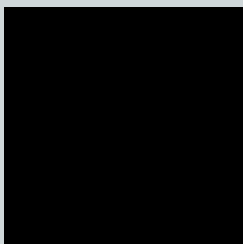
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

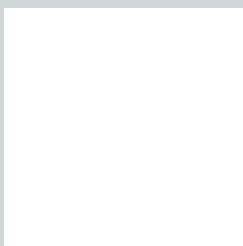
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5570, 66.8760, 75.2569

Background



This preview shows how black text looks on a background with the XYZ color 62.5570, 66.8760, 75.2569.

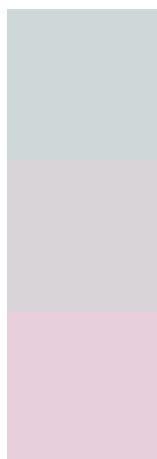


This preview shows how white text looks on a background with the XYZ color 62.5570, 66.8760,

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

62.5570, 66.8760, 75.2569

Protanopia

64.1281, 66.5922, 73.7636

Deuteranopia

68.0540, 66.7290, 76.3110



Tritanopia

64.3717, 66.8570, 84.3748

Trichromacy



Original Color

62.5570, 66.8760, 75.2569

Protanomaly

63.6295, 66.6925, 74.4851

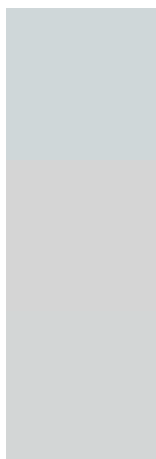
Deuteranomaly

65.8257, 66.6847, 75.7317

Tritanomaly

63.6496, 66.9393, 80.8000

Monochromacy



Original Color

62.5570, 66.8760, 75.2569

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0481, 66.7971, 73.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5570, 66.8760, 75.2569 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, 215, 217) looks like.

```
.text, #text, p{  
    color:rgb(207, 215, 217)  
}
```

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, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 215, 217) }
```

Border

The CSS property to change the border of an element to XYZ 62.5570, 66.8760, 75.2569 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, 215, 217) }
```


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

```
.border{ border-color:rgb(207, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 215,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5570, 66.8760, 75.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 215, 217) }
```

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

```
.background{ background-color: rgb(207,  
215, 217) }
```

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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