

Converting Colors

XYZ(57.5376, 62.8017, 62.3482)

Have a look what the booklet for
XYZ(57.5376, 62.8017, 62.3482)
contains.

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Color

**XYZ(57.5968, 62.7270,
62.4979)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD2C6
RGB	202, 210, 198
RGB Percent	79%, 82%, 78%
CMY	0.2078, 0.1765, 0.2235
CMYK	0.04, 0.00, 0.06, 0.18
HSL	100°, 12%, 80%
HSV	100°, 6%, 82%
XYZ	57.5968, 62.7270, 62.4979
YIQ	206.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

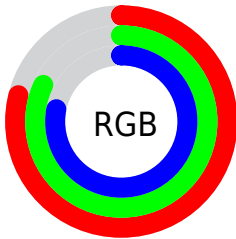
Format	Color
R _{YB}	198, 210, 206
Decimal	13292230
CIE Lab	83.30, -4.90, 4.99
CIE LCh	83, 6.993, 134.457
Yxy	62.7270, 0.3150, 0.3431
Android (android.graphics.Color)	4291482310 (0xFFCAD2C6)
YUV	206.2400, -4.0623, -3.7185
Hunter-Lab	79.2004, -8.7903, 8.6539

Details

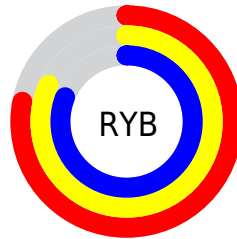
The XYZ color **57.5968, 62.7270, 62.4979** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2829, 58.1648, 69.1838**, and the grayscale version is **58.8471, 61.9117, 67.4219**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1353, 32.0865, 31.0433** is the 20% darker color. If you saturate the color by 10%, you get **51.7225, 59.9612, 50.4431**, and if you desaturate by 10%, it is **64.1544, 65.8098, 76.3405**.

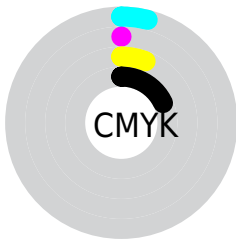
Distribution



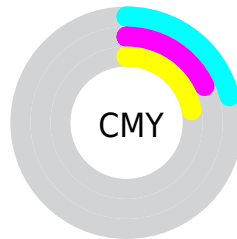
- Red (79%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5968, 62.7270, 62.4979 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 57.5968, 62.7270, 62.4979 by changing the saturation by 10% instead.

■ 57.5968, 62.7270,
62.4979

■ 57.5968, 62.7270,
62.4979

405.6600,
434.5780, 451.8026

■ 41.7266, 45.6204,
44.9967

100.4618,
108.7756, 110.0234

■ 29.0774, 31.9464,
31.1119

128.1873,
138.4863, 140.8848

■ 19.2840, 21.3205,
20.4249

160.5953,
173.1672, 177.0367

■ 11.9809, 13.3585,
12.5172

198.0512,
213.2027, 218.8976

■ 6.8028, 7.6759,
6.9701

240.9202,
258.9771, 266.8862

■ 3.3843, 3.8883,
3.3653

289.5678,

■ 1.3601, 1.6113,

310.8749, 321.4208

1.2840

344.3592,
369.2804, 382.9201

■ 0.2275, 0.3652,
0.0486

■ 0.0000, 0.0000,
0.0000

■ 57.5968, 62.7270,
62.4979

■ 57.5968, 62.7270,
62.4979

■ 51.7225, 59.9612,
50.4431

■ 64.1544, 65.8098,
76.3405

■ 46.5033, 57.4942,
40.0992

■ 71.4116, 69.2112,
92.0353

■ 41.9169, 55.3179,
31.3898

■ 78.4092, 72.5504,
104.4788

■ 37.9375, 53.4207,
24.2312

■ 82.3378, 74.5757,
104.6626

■ 34.5375, 51.7906,
18.5320

■ 31.6868, 50.4141,
14.1915

■ 29.3523, 49.2767,
11.0961

■ 27.4967, 48.3621,
9.1137

■ 26.0759, 47.6510,
8.0816

Harmonies

Analogous

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



58.8935, 62.7270, 60.5113



57.5968, 62.7270, 62.4979



56.8488, 62.7270, 66.0809

Triad

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



57.5968, 62.7270, 62.4979



58.8405, 62.7270, 76.6835



62.4948, 62.7270, 66.2309

Complementary

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



57.5968, 62.7270, 62.4979



57.2829, 58.1648, 69.1838

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.



62.4800, 62.7270, 70.5662



57.5968, 62.7270, 62.4979



60.3527, 62.7270, 76.7278

Square

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



57.5968, 62.7270, 62.4979



57.5586, 62.7270, 74.3298



61.6903, 62.7270, 74.4485



61.7304, 62.7270, 62.6036

Rectangle

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



57.5968, 62.7270, 62.4979



56.7539, 62.7270, 68.9515



61.6903, 62.7270, 74.4485



62.5812, 62.7270, 67.6507

Sweetspot

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



57.5985, 62.7297, 62.4993



92.9996, 99.0366, 104.5747



58.8452, 61.9241, 62.2781



19.9273, 21.2080, 22.4286



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.



57.5985, 62.7297, 62.4993



88.0640, 96.7153, 94.2622



56.7625, 62.2719, 63.6728



12.2684, 13.5108, 13.0725



15.6936, 28.9593, 4.7626



0.9609, 1.6622, 0.2702

Inverse Universe

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



57.2829, 58.1648, 69.1838



87.4631, 88.0246, 106.9884



58.1599, 58.6455, 67.9317



12.1792, 12.2214, 14.9607



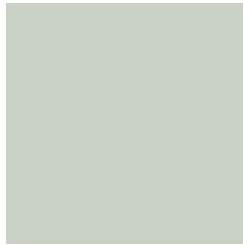
13.8058, 6.2974, 37.6804



0.8542, 0.3945, 2.1107

Previews

White Background



This preview shows how the XYZ color 57.5968, 62.7270, 62.4979 looks on a white background.

Color Contrast Check

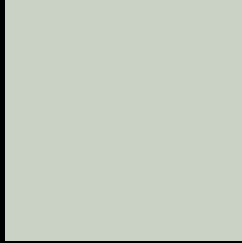
Large Text (above 18pt) WCAG AA × Fail

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 57.5968, 62.7270, 62.4979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

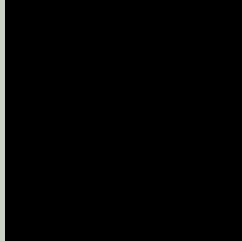
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

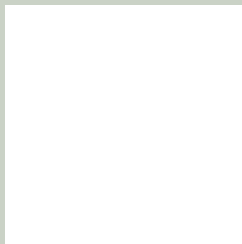
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5968, 62.7270, 62.4979

Background



This preview shows how black text looks on a background with the XYZ color 57.5968, 62.7270, 62.4979.

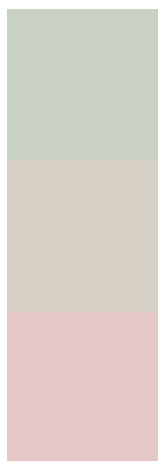


This preview shows how white text looks on a background with the XYZ color 57.5968, 62.7270,

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

57.5968, 62.7270, 62.4979

Protanopia

60.0082, 62.9073, 61.2041

Deuteranopia

63.7127, 62.3017, 63.3110



Tritanopia

60.8442, 62.5921, 78.6867

Trichromacy



Original Color

57.5968, 62.7270, 62.4979

Protanomaly

59.2123, 62.8446, 61.8327

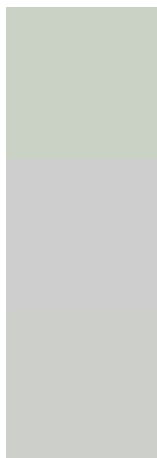
Deuteranomaly

61.4169, 62.5249, 62.8643

Tritanomaly

59.6273, 62.4598, 72.5316

Monochromacy



Original Color

57.5968, 62.7270, 62.4979

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2692, 61.9166, 65.3799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5968, 62.7270, 62.4979 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(202, 210, 198) looks like.

```
.text, #text, p{  
    color:rgb(202, 210, 198)  
}
```

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(202, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 210, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.5968, 62.7270, 62.4979 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(202, 210, 198) }
```


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

```
.border{ border-color:rgb(202, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(202, 210,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5968, 62.7270, 62.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 210, 198) }
```

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

```
.background{ background-color: rgb(202,  
210, 198) }
```

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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