

Converting Colors

XYZ(62.9905, 68.4926, 64.1657)

Have a look what the booklet for
XYZ(62.9905, 68.4926, 64.1657)
contains.

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Color

**XYZ(62.8208, 68.4125,
63.9267)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DAC7
RGB	213, 218, 199
RGB Percent	84%, 85%, 78%
CMY	0.1647, 0.1451, 0.2196
CMYK	0.02, 0.00, 0.09, 0.15
HSL	76°, 20%, 82%
HSV	76°, 9%, 85%
XYZ	62.8208, 68.4125, 63.9267
YIQ	214.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

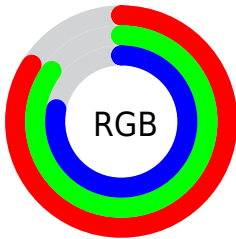
Format	Color
RYB	199, 218, 204
Decimal	14015175
CIELab	86.21, -5.03, 8.76
CIELCh	86, 10.101, 119.886
Yxy	68.4125, 0.3219, 0.3505
Android (android.graphics.Color)	4292205255 (0xFFD5DAC7)
YUV	214.3390, -7.5621, -1.1743
Hunter-Lab	82.7118, -9.1725, 12.0740

Details

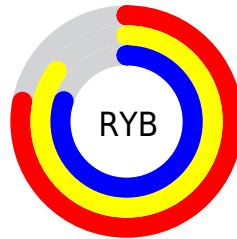
The XYZ color **62.8208, 68.4125, 63.9267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9828, 58.7480, 74.6168**, and the grayscale version is **64.1944, 67.5375, 73.5483**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3086, 35.5078, 31.9389** is the 20% darker color. If you saturate the color by 10%, you get **58.8336, 66.6309, 51.4603**, and if you desaturate by 10%, it is **67.2334, 70.3755, 78.3087**.

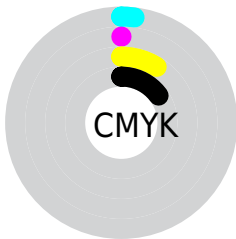
Distribution



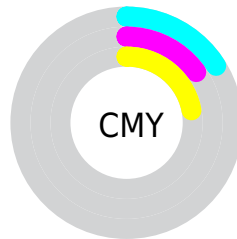
- Red (84%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8208, 68.4125, 63.9267 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 62.8208, 68.4125, 63.9267 by changing the saturation by 10% instead.

■ 62.8208, 68.4125,
63.9267

■ 62.8208, 68.4125,
63.9267

424.5888,
454.9561, 457.1251

■ 45.9544, 50.2334,
46.1455

107.9942,
116.9421, 112.1038

■ 32.4143, 35.5989,
32.0112

137.0319,
148.0613, 143.3368

■ 21.8352, 24.1246,
21.1051

170.8573,
184.2627, 179.8908

■ 13.8518, 15.4260,
13.0089

209.8359,
225.9307, 222.1844

■ 8.0987, 9.1189,
7.3039

254.3330,
273.4496, 270.6361

■ 4.2105, 4.8188,
3.5715

304.7140,

■ 1.8219, 2.1414,

327.2039, 325.6644

1.3934

361.3441,
387.5780, 387.6879

■ 0.5308, 0.6877,
0.1365

■ 0.0000, 0.0000,
0.0000

■ 62.8208, 68.4125,
63.9267

■ 62.8208, 68.4125,
63.9267

■ 58.8336, 66.6309,
51.4603

■ 67.2334, 70.3755,
78.3087

■ 55.2503, 65.0153,
40.8242

■ 72.0807, 72.5171,
94.6779

■ 52.0556, 63.5618,
31.9333

■ 75.8276, 74.2255,
104.9382

■ 49.2311, 62.2631,
24.6940

■ 77.7028, 75.1922,
105.0259

■ 46.7568, 61.1109,
19.0039

■ 79.6393, 76.1905,
105.1165

■ 44.6105, 60.0964,
14.7492

■ 81.6377, 77.2207,
105.2101

■ 42.7669, 59.2093,
11.8006

■ 83.6984, 78.2831,
105.3065

■ 41.1964, 58.4378,
10.0054

■ 84.3628, 78.6256,
105.3376

■ 39.8537, 57.7637,
9.1293

Harmonies

Analogous

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



65.0329, 68.4125, 62.4007



62.8208, 68.4125, 63.9267



61.2313, 68.4125, 68.2461

Triad

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



62.8208, 68.4125, 63.9267



62.8058, 68.4125, 86.1283



69.5999, 68.4125, 74.5150

Complementary

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



62.8208, 68.4125, 63.9267



57.9828, 58.7480, 74.6168

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.



68.9702, 68.4125, 81.1027



62.8208, 68.4125, 63.9267



65.0152, 68.4125, 88.0469

Square

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



62.8208, 68.4125, 63.9267



61.2228, 68.4125, 81.0561



67.2782, 68.4125, 86.1563



68.9794, 68.4125, 68.2876

Rectangle

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



62.8208, 68.4125, 63.9267



60.7196, 68.4125, 72.2629



67.2782, 68.4125, 86.1563



69.5272, 68.4125, 76.7616

Sweetspot

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



62.8227, 68.4155, 63.9282



93.1053, 99.1370, 102.5073



60.7581, 62.0980, 62.8176



19.8192, 21.1709, 21.5844



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.



62.8227, 68.4155, 63.9282



88.7854, 97.2137, 88.5799



60.2158, 67.0716, 63.8062



13.8102, 15.0824, 13.9089



23.8833, 34.6098, 5.4216



1.6266, 2.2831, 0.3550

Inverse Universe

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



57.9828, 58.7480, 74.6168



80.8713, 81.4054, 106.0582



60.5938, 60.0940, 74.7390



12.6586, 12.7821, 16.4522



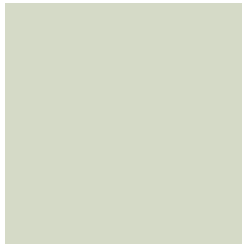
8.6931, 3.6056, 39.9762



0.6440, 0.2753, 2.5936

Previews

White Background



This preview shows how the XYZ color 62.8208, 68.4125, 63.9267 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 62.8208, 68.4125, 63.9267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

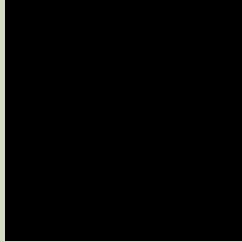
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

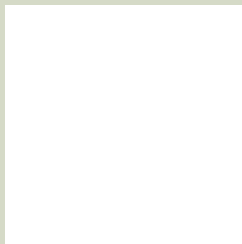
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8208, 68.4125, 63.9267

Background



This preview shows how black text looks on a background with the XYZ color 62.8208, 68.4125, 63.9267.



This preview shows how white text looks on a background with the XYZ color 62.8208, 68.4125,

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

62.8208, 68.4125, 63.9267

Protanopia

65.1190, 68.4794, 62.6090

Deuteranopia

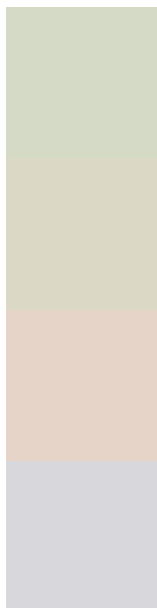
69.7164, 68.2060, 64.7490



Tritanopia

66.9906, 68.2071, 84.4974

Trichromacy



Original Color

62.8208, 68.4125, 63.9267

Protanomaly

64.2641, 68.4046, 63.2424

Deuteranomaly

66.9238, 68.2460, 64.2891

Tritanomaly

65.4055, 68.3143, 76.7566

Monochromacy



Original Color

62.8208, 68.4125, 63.9267

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5406, 67.5005, 70.0015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8208, 68.4125, 63.9267 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(213, 218, 199) looks like.

```
.text, #text, p{  
    color:rgb(213, 218, 199)  
}
```

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(213, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 218, 199) }
```

Border

The CSS property to change the border of an element to XYZ 62.8208, 68.4125, 63.9267 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(213, 218, 199) }
```


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

```
.border{ border-color:rgb(213, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(213, 218,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8208, 68.4125, 63.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 218, 199) }
```

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

```
.background{ background-color: rgb(213,  
218, 199) }
```

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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