

Converting Colors

XYZ(62.6403, 64.7912, 64.0487)

Have a look what the booklet for
XYZ(62.6403, 64.7912, 64.0487)
contains.

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Color

**XYZ(62.7410, 64.9867,
63.8805)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD1C8
RGB	220, 209, 200
RGB Percent	86%, 82%, 78%
CMY	0.1373, 0.1804, 0.2157
CMYK	0.00, 0.05, 0.09, 0.14
HSL	27°, 22%, 82%
HSV	27°, 9%, 86%
XYZ	62.7410, 64.9867, 63.8805
YIQ	211.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

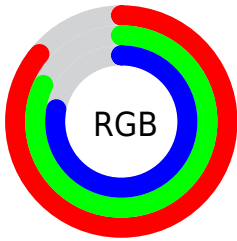
Format	Color
R _Y B	220, 216, 200
Decimal	14471624
CIE Lab	84.48, 2.26, 5.81
CIE LCh	84, 6.231, 68.711
Yxy	64.9867, 0.3274, 0.3392
Android (android.graphics.Color)	4292661704 (0xFFDCD1C8)
YUV	211.2630, -5.5527, 7.6623
Hunter-Lab	80.6143, -2.1510, 9.4474

Details

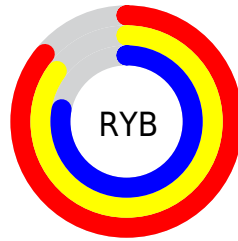
The XYZ color **62.7410, 64.9867, 63.8805** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0318, 64.0341, 76.9067**, and the grayscale version is **62.1234, 65.3587, 71.1756**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4267, 33.5173, 31.9546** is the 20% darker color. If you saturate the color by 10%, you get **57.4973, 58.3217, 50.3470**, and if you desaturate by 10%, it is **68.5837, 72.2561, 79.4405**.

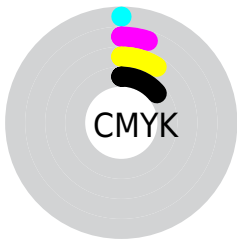
Distribution



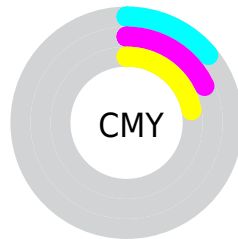
- Red (86%)
- Green (82%)
- Blue (78%)



- Red (86%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7410, 64.9867, 63.8805 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 62.7410, 64.9867, 63.8805 by changing the saturation by 10% instead.

■ 62.7410, 64.9867,
63.8805

■ 62.7410, 64.9867,
63.8805

424.3035,
442.7442, 456.9536

■ 45.8896, 47.4503,
46.1083

107.8797,
112.0307, 112.0366

■ 32.3629, 33.3918,
31.9820

136.8976,
142.3072, 143.2577

■ 21.7958, 22.4267,
21.0831

170.7018,
177.5990, 179.7987

■ 13.8227, 14.1708,
12.9929

209.6576,
218.2908, 222.0784

■ 8.0783, 8.2396,
7.2930

254.1303,
264.7668, 270.5152

■ 4.1973, 4.2486,
3.5648

304.4853,

■ 1.8144, 1.8136,

317.4114, 325.5276

1.3898

361.0879,
376.6091, 387.5342

■ 0.5263, 0.4956,
0.1337

■ 0.0000, 0.0000,
0.0000

■ 62.7410, 64.9867,
63.8805

■ 62.7410, 64.9867,
63.8805

■ 57.4973, 58.3217,
50.3470

■ 68.5837, 72.2561,
79.4405

■ 52.8264, 52.2363,
38.7515

■ 75.0395, 80.1368,
97.1023

■ 48.7083, 46.7163,
29.0047

■ 80.3064, 87.9177,
107.3449

■ 45.1192, 41.7437,
21.0089

■ 83.3255, 93.9558,
108.3513

■ 42.0338, 37.2995,
14.6572

■ 39.4239, 33.3632,
9.8309

■ 37.2584, 29.9126,
6.3948

■ 35.5011, 26.9231,
4.1898

■ 34.0975, 24.3622,
2.9627

Harmonies

Analogous

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



63.8718, 64.9867, 66.0907



62.7410, 64.9867, 63.8805



61.3650, 64.9867, 63.4769

Triad

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



62.7410, 64.9867, 63.8805



59.1698, 64.9867, 71.9222



63.4504, 64.9867, 76.8866

Complementary

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



62.7410, 64.9867, 63.8805



60.0318, 64.0341, 76.9067

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.



62.1726, 64.9867, 78.5788



62.7410, 64.9867, 63.8805



59.7107, 64.9867, 75.6431

Square

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



62.7410, 64.9867, 63.8805



59.3168, 64.9867, 68.0232



60.8049, 64.9867, 78.1154



64.2856, 64.9867, 73.5682

Rectangle

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



62.7410, 64.9867, 63.8805



60.4959, 64.9867, 64.2715



60.8049, 64.9867, 78.1154



63.0576, 64.9867, 77.6700

Sweetspot

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



62.7428, 64.9896, 63.8819



92.5154, 96.8628, 102.0994



61.9282, 61.2283, 70.1831



19.6599, 20.5560, 21.4741



0.0000, 0.0000, 0.0000



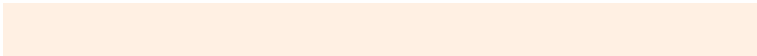
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7428, 64.9896, 63.8819



86.1342, 88.8753, 85.2518



65.2728, 70.0496, 64.7252



13.5363, 14.0120, 13.7167



20.0511, 14.3879, 1.7203



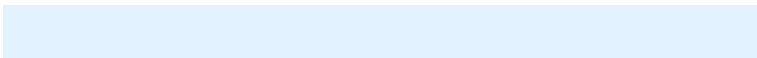
1.3842, 1.1026, 0.1399

Inverse Universe

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



60.0318, 64.0341, 76.9067



81.5757, 87.2687, 107.1528



57.6253, 59.2210, 76.1045



12.9291, 13.7980, 16.6340



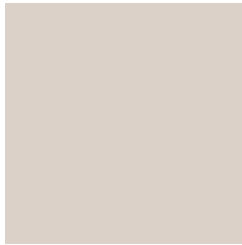
11.7041, 11.2776, 41.2983



0.8439, 0.9019, 2.7040

Previews

White Background



This preview shows how the XYZ color 62.7410, 64.9867, 63.8805 looks on a white background.

Color Contrast Check

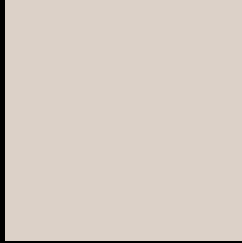
Large Text (above 18pt) WCAG AA × Fail

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 62.7410, 64.9867, 63.8805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

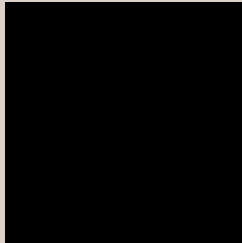
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7410, 64.9867, 63.8805

Background



This preview shows how black text looks on a background with the XYZ color 62.7410, 64.9867, 63.8805.

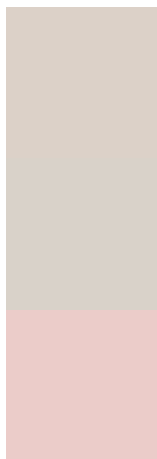


This preview shows how white text looks on a background with the XYZ color 62.7410, 64.9867,

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

62.7410, 64.9867, 63.8805

Protanopia

62.2045, 65.0619, 64.5380

Deuteranopia

66.3964, 65.0649, 64.3177



Tritanopia

65.6875, 65.1045, 78.2116

Trichromacy



Original Color

62.7410, 64.9867, 63.8805

Protanomaly

62.5027, 65.2157, 64.5520

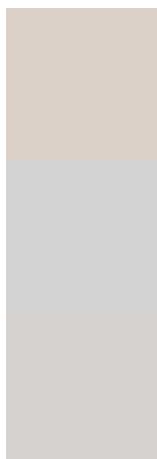
Deuteranomaly

65.2470, 65.1827, 64.4010

Tritanomaly

64.5746, 65.0103, 72.7631

Monochromacy



Original Color

62.7410, 64.9867, 63.8805

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0406, 64.8943, 68.2874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7410, 64.9867, 63.8805 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(220, 209, 200) looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 200)  
}
```

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(220, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 200) }
```

Border

The CSS property to change the border of an element to XYZ 62.7410, 64.9867, 63.8805 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(220, 209, 200) }
```


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

```
.border{ border-color:rgb(220, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 209, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 209, 200); box-shadow:4px 4px 4px 4px rgb(220, 209, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7410, 64.9867, 63.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 200) }
```

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

```
.background{ background-color: rgb(220,  
209, 200) }
```

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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