

Converting Colors

XYZ(61.7551, 64.4461, 62.4996)

Have a look what the booklet for
XYZ(61.7551, 64.4461, 62.4996)
contains.

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Color

**XYZ(61.9069, 64.5836,
62.6291)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD1C6
RGB	218, 209, 198
RGB Percent	85%, 82%, 78%
CMY	0.1451, 0.1804, 0.2235
CMYK	0.00, 0.04, 0.09, 0.15
HSL	33°, 21%, 82%
HSV	33°, 9%, 85%
XYZ	61.9069, 64.5836, 62.6291
YIQ	210.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

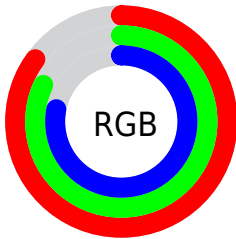
Format	Color
RYB	214, 218, 198
Decimal	14340550
CIELab	84.27, 1.22, 6.55
CIELCh	84, 6.661, 79.429
Yxy	64.5836, 0.3273, 0.3415
Android (android.graphics.Color)	4292530630 (0xFFDAD1C6)
YUV	210.4370, -6.1314, 6.6328
Hunter-Lab	80.3639, -3.1326, 10.0489

Details

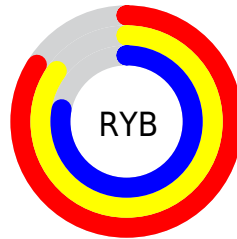
The XYZ color **61.9069, 64.5836, 62.6291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2561, 61.6921, 75.1675**, and the grayscale version is **61.5822, 64.7893, 70.5555**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8596, 33.2428, 31.1229** is the 20% darker color. If you saturate the color by 10%, you get **57.2396, 58.9871, 49.5477**, and if you desaturate by 10%, it is **67.0878, 70.6267, 77.6689**.

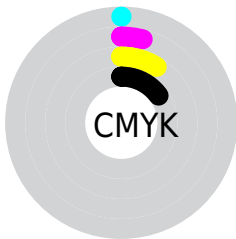
Distribution



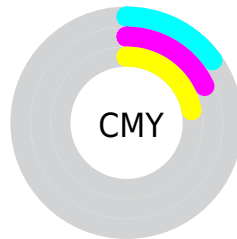
- Red (85%)
- Green (82%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9069, 64.5836, 62.6291 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 61.9069, 64.5836, 62.6291 by changing the saturation by 10% instead.

■ 61.9069, 64.5836,
62.6291

■ 61.9069, 64.5836,
62.6291

421.3144,
441.2941, 452.2930

■ 45.2128, 47.1235,
45.1021

106.6817,
111.4510, 110.2146

■ 31.8271, 33.1333,
31.1944

135.4930,
141.6271, 141.1103

■ 21.3843, 22.2286,
20.4872

169.0742,
176.8106, 177.2993

■ 13.5193, 14.0250,
12.5621

207.7905,
217.3860, 219.2002

■ 7.8666, 8.1380,
7.0005

252.0073,
263.7377, 267.2314

■ 4.0608, 4.1834,
3.3840

302.0900,

■ 1.7366, 1.7767,

316.2500, 321.8116

1.2939

358.4039,
375.3073, 383.3593

0.4790, 0.4726,
0.0568

0.0000, 0.0000,
0.0000

61.9069, 64.5836,
62.6291

61.9069, 64.5836,
62.6291

57.2396, 58.9871,
49.5477

67.0878, 70.6267,
77.6689

53.0626, 53.8174,
38.3385

72.7941, 77.1188,
94.7398

49.3583, 49.0651,
28.9152

77.6610, 83.5202,
106.6356

46.1063, 44.7175,
21.1829

80.6008, 89.3997,
107.6155

■ 43.2841, 40.7612,
15.0378

■ 82.7237, 93.6455,
108.3231

■ 40.8669, 37.1814,
10.3647

■ 38.8271, 33.9622,
7.0322

■ 37.1322, 31.0854,
4.8855

■ 35.7315, 28.5255,
3.6744

Harmonies

Analogous

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



63.2492, 64.5836, 64.3253



61.9069, 64.5836, 62.6291



60.4455, 64.5836, 62.9304

Triad

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



61.9069, 64.5836, 62.6291



58.7470, 64.5836, 73.0592



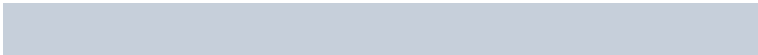
63.5660, 64.5836, 75.7406

Complementary

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



61.9069, 64.5836, 62.6291



58.2561, 61.6921, 75.1675

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.



62.3337, 64.5836, 78.2678



61.9069, 64.5836, 62.6291



59.5573, 64.5836, 76.6773

Square

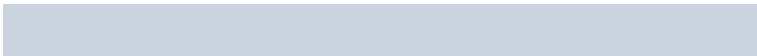
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.9069, 64.5836, 62.6291



58.6369, 64.5836, 68.8400



60.8656, 64.5836, 78.6173



64.2172, 64.5836, 71.8222

Rectangle

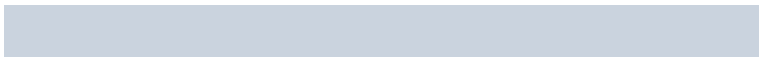
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9069, 64.5836, 62.6291



59.5998, 64.5836, 64.2272



60.8656, 64.5836, 78.6173



63.2051, 64.5836, 76.7876

Sweetspot

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



61.9087, 64.5864, 62.6305



92.7547, 97.3413, 102.1792



60.3707, 59.7994, 67.3928



19.7245, 20.6851, 21.4956



0.0000, 0.0000, 0.0000



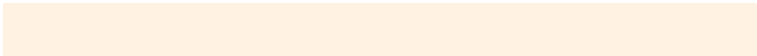
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9087, 64.5864, 62.6305



86.9647, 90.5362, 85.5286



63.8803, 68.9723, 63.3731



13.6470, 14.2333, 13.7536



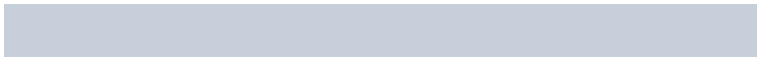
21.4512, 17.1880, 2.1870



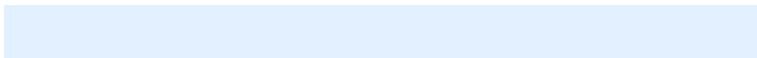
1.4753, 1.2847, 0.1702

Inverse Universe

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



58.2561, 61.6921, 75.1675



80.7454, 85.6079, 106.8760



56.4030, 57.5932, 74.4740



12.8185, 13.5768, 16.5971



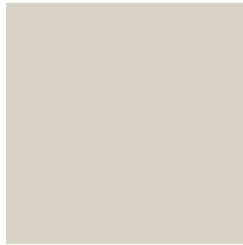
10.3054, 8.4803, 40.8321



0.7529, 0.7198, 2.6737

Previews

White Background



This preview shows how the XYZ color 61.9069, 64.5836, 62.6291 looks on a white background.

Color Contrast Check

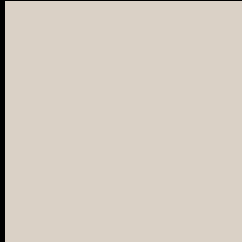
Large Text (above 18pt) WCAG AA × Fail

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 61.9069, 64.5836, 62.6291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

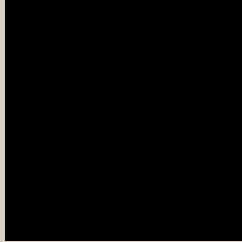
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

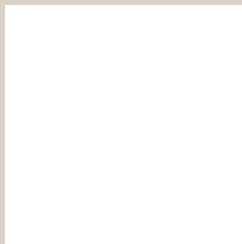
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9069, 64.5836, 62.6291

Background



This preview shows how black text looks on a background with the XYZ color 61.9069, 64.5836, 62.6291.

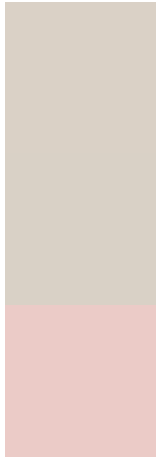


This preview shows how white text looks on a background with the XYZ color 61.9069, 64.5836,

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

61.9069, 64.5836, 62.6291

Protanopia

61.6088, 64.4299, 62.6152

Deuteranopia

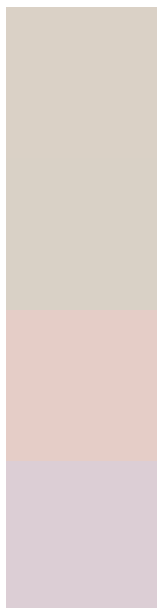
65.9257, 64.4976, 63.0074



Tritanopia

64.8349, 64.3087, 78.1029

Trichromacy



Original Color

61.9069, 64.5836, 62.6291

Protanomaly

61.6088, 64.4299, 62.6152

Deuteranomaly

64.4532, 64.4442, 63.0748

Tritanomaly

63.5967, 64.1624, 71.9835

Monochromacy



Original Color

61.9069, 64.5836, 62.6291

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.6277, 64.6956, 67.6319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9069, 64.5836, 62.6291 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(218, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(218, 209, 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(218, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 209, 198) }
```

Border

The CSS property to change the border of an element to XYZ 61.9069, 64.5836, 62.6291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

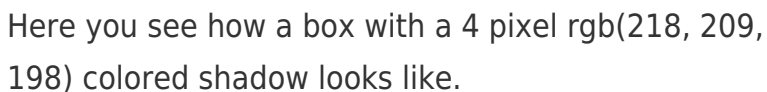
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 209, 198) }
```


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

```
.border{ border-color:rgb(218, 209, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 209, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 209, 198); box-shadow:4px 4px 4px 4px rgb(218, 209, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9069, 64.5836, 62.6291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 209, 198) }
```

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

```
.background{ background-color: rgb(218,  
209, 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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