

Converting Colors

XYZ(61.2804, 61.8343, 62.6660)

Have a look what the booklet for
XYZ(61.2804, 61.8343, 62.6660)
contains.

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Color

**XYZ(61.2481, 61.7367,
62.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCAC7
RGB	221, 202, 199
RGB Percent	87%, 79%, 78%
CMY	0.1333, 0.2078, 0.2196
CMYK	0.00, 0.09, 0.10, 0.13
HSL	8°, 24%, 82%
HSV	8°, 10%, 87%
XYZ	61.2481, 61.7367, 62.7211
YIQ	207.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

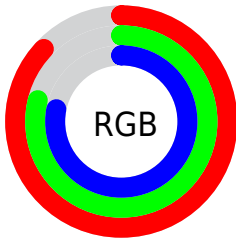
Format	Color
R _Y B	221, 202, 199
Decimal	14535367
CIE Lab	82.77, 6.13, 3.89
CIE LCh	83, 7.255, 32.405
Yxy	61.7367, 0.3298, 0.3324
Android (android.graphics.Color)	4292725447 (0xFFDDCAC7)
YUV	207.3390, -4.1111, 11.9807
Hunter-Lab	78.5727, 1.6401, 7.6723

Details

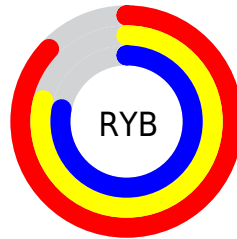
The XYZ color **61.2481, 61.7367, 62.7211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6755, 67.5041, 78.1862**, and the grayscale version is **59.5483, 62.6494, 68.2252**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4266, 31.3311, 31.1792** is the 20% darker color. If you saturate the color by 10%, you get **54.6626, 52.3778, 48.7724**, and if you desaturate by 10%, it is **68.7634, 72.3575, 78.8198**.

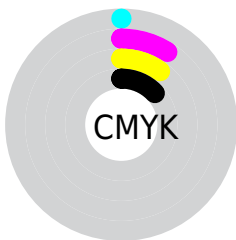
Distribution



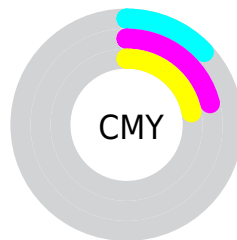
- Red (87%)
- Green (79%)
- Blue (78%)



- Red (87%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2481, 61.7367, 62.7211 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 61.2481, 61.7367, 62.7211 by changing the saturation by 10% instead.

■ 61.2481, 61.7367,
62.7211

■ 61.2481, 61.7367,
62.7211

418.9445,
430.9700, 452.6366

■ 44.6787, 44.8200,
45.1761

105.7342,
107.3449, 110.3487

■ 31.4046, 31.3157,
31.2522

134.3816,
136.8052, 141.2684

■ 21.0605, 20.8393,
20.5309

167.7857,
171.2154, 177.4834

■ 13.2809, 13.0066,
12.5936

206.3119,
210.9600, 219.4122

■ 7.7006, 7.4331,
7.0219

250.3255,
256.4234, 267.4734

■ 3.9542, 3.7344,
3.3971

300.1919,

■ 1.6762, 1.5261,

307.9899, 322.0855

1.3008

356.2764,
366.0440, 383.6671

■ 0.4413, 0.3070,
0.0625

■ 0.0000, 0.0000,
0.0000

■ 61.2481, 61.7367,
62.7211

■ 61.2481, 61.7367,
62.7211

■ 54.6626, 52.3778,
48.7724

■ 68.7634, 72.3575,
78.8198

■ 48.9657, 44.2259,
36.8786

■ 77.2375, 84.2761,
97.1498

■ 44.1205, 37.2343,
26.9438

■ 83.6291, 94.1123,
108.3655

■ 40.0858, 31.3500,
18.8624

■ 36.8167, 26.5158,
12.5193

■ 34.2639, 22.6696,
7.7862

■ 32.3724, 19.7425,
4.5171

■ 31.0786, 17.6566,
2.5393

■ 30.2906, 16.3144,
1.5554

Harmonies

Analogous

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



61.7273, 61.7367, 66.8609



61.2481, 61.7367, 62.7211



60.0794, 61.7367, 59.8908

Triad

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



61.2481, 61.7367, 62.7211



56.0603, 61.7367, 63.3193



58.8049, 61.7367, 76.1747

Complementary

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



61.2481, 61.7367, 62.7211



61.6755, 67.5041, 78.1862

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.



57.3003, 61.7367, 75.1256



61.2481, 61.7367, 62.7211



55.7325, 61.7367, 67.5820

Square

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



61.2481, 61.7367, 62.7211



57.0859, 61.7367, 60.2253



56.1825, 61.7367, 71.9307



60.3012, 61.7367, 74.7380

Rectangle

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



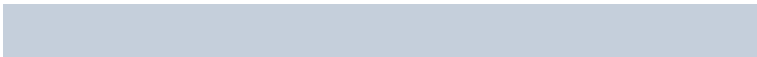
61.2481, 61.7367, 62.7211



59.0762, 61.7367, 59.0596



56.1825, 61.7367, 71.9307



58.2833, 61.7367, 76.1011

Sweetspot

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



61.2498, 61.7394, 62.7224



91.7714, 95.3747, 101.8514



62.9066, 61.2853, 74.8898



19.4597, 20.1554, 21.4073



0.0000, 0.0000, 0.0000



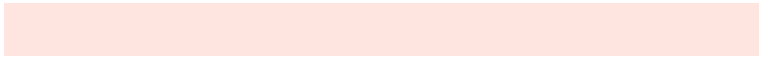
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2498, 61.7394, 62.7224



82.6516, 82.4690, 82.3677



63.9058, 67.0514, 63.6078



13.1987, 13.3368, 13.6042



17.6422, 9.5699, 0.9173



1.1902, 0.7146, 0.0752

Inverse Universe

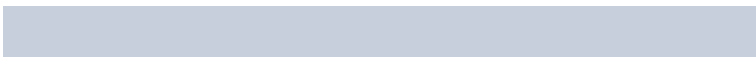
The Inverse Universe completely reimagines the original color for something new.



61.6755, 67.5041, 78.1862



83.3562, 92.0144, 107.9750



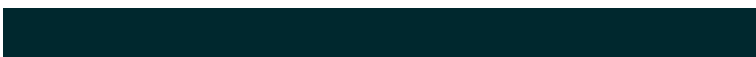
58.9341, 62.0214, 77.2724



13.2854, 14.5105, 16.7527



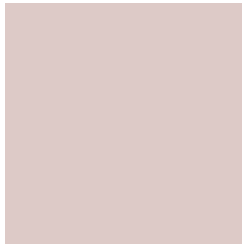
18.4440, 24.7574, 43.5450



1.2376, 1.6894, 2.8353

Previews

White Background



This preview shows how the XYZ color 61.2481, 61.7367, 62.7211 looks on a white background.

Color Contrast Check

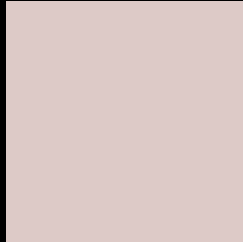
Large Text (above 18pt) WCAG AA × Fail

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 61.2481, 61.7367, 62.7211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

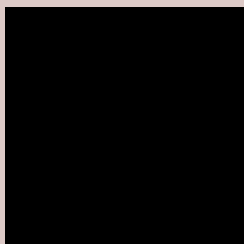
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2481, 61.7367, 62.7211

Background



This preview shows how black text looks on a background with the XYZ color 61.2481, 61.7367, 62.7211.



This preview shows how white text looks on a background with the XYZ color 61.2481, 61.7367,

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

61.2481, 61.7367, 62.7211

Protanopia

59.2379, 61.7286, 64.0510

Deuteranopia

62.8437, 61.5110, 63.2042



Tritanopia

63.3514, 61.9028, 72.8994

Trichromacy



Original Color

61.2481, 61.7367, 62.7211

Protanomaly

60.0425, 61.8029, 63.4082

Deuteranomaly

62.1309, 61.4862, 63.2370

Tritanomaly

62.5195, 61.9063, 68.9756

Monochromacy



Original Color

61.2481, 61.7367, 62.7211

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.8818, 62.0193, 65.9416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2481, 61.7367, 62.7211 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(221, 202, 199) looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 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(221, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.2481, 61.7367, 62.7211 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(221, 202, 199) }
```


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

```
.border{ border-color:rgb(221, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 202, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 202, 199); box-shadow:4px 4px 4px 4px rgb(221, 202, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2481, 61.7367, 62.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 199) }
```

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

```
.background{ background-color: rgb(221,  
202, 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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