

Converting Colors

XYZ(61.0833, 64.5801, 56.2430)

Have a look what the booklet for
XYZ(61.0833, 64.5801, 56.2430)
contains.

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Color

**XYZ(61.2297, 64.7411,
56.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2BB
RGB	219, 210, 187
RGB Percent	86%, 82%, 73%
CMY	0.1412, 0.1764, 0.2667
CMYK	0.00, 0.04, 0.15, 0.14
HSL	43°, 31%, 80%
HSV	43°, 15%, 86%
XYZ	61.2297, 64.7411, 56.2828
YIQ	210.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

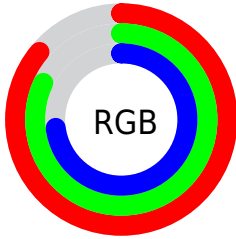
Format	Color
R _Y B	200, 219, 187
Decimal	14406331
CIE Lab	84.35, -0.72, 12.51
CIE LCh	84, 12.528, 93.273
Yxy	64.7411, 0.3360, 0.3552
Android (android.graphics.Color)	4292596411 (0xFFDDBD2BB)
YUV	210.0690, -11.3730, 7.8325
Hunter-Lab	80.4619, -4.9737, 14.8501

Details

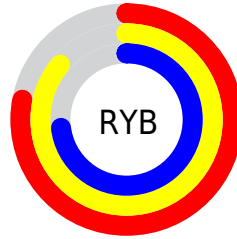
The XYZ color **61.2297, 64.7411, 56.2828** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0195, 55.1582, 74.8707**, and the grayscale version is **61.3718, 64.5679, 70.3145**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **31.5014, 33.3907, 27.3390** is the 20% darker color. If you saturate the color by 10%, you get **57.5714, 60.8944, 44.3652**, and if you desaturate by 10%, it is **65.3075, 68.8535, 70.1058**.

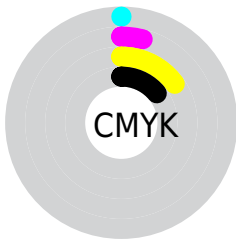
Distribution



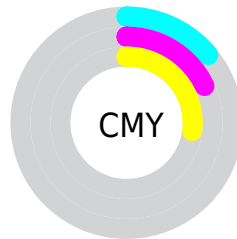
- Red (86%)
- Green (82%)
- Blue (73%)



- Red (78%)
- Yellow (86%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2297, 64.7411, 56.2828 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 61.2297, 64.7411, 56.2828 by changing the saturation by 10% instead.


 61.2297, 64.7411,
56.2828

 61.2297, 64.7411,
56.2828


418.8782,
441.8610, 428.1746

 44.6638, 47.2512,
40.0242


 105.7077,
111.6776, 100.9079

 31.3929, 33.2343,
27.2435


134.3505,
141.8929, 130.1114

 21.0515, 22.3060,
17.5221


167.7497,
177.1188, 164.4670

 13.2743, 14.0819,
10.4416

206.2705,
217.7397, 204.3931

 7.6960, 8.1776,
5.5833

250.2785,
264.1400, 250.3085

 3.9512, 4.2088,
2.5287

300.1388,

 1.6746, 1.7911,

316.7040, 302.6314

0.8553

356.2169,
375.8162, 361.7807

■ 0.4403, 0.4816,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2297, 64.7411,
56.2828

■ 61.2297, 64.7411,
56.2828

■ 57.5714, 60.8944,
44.3652

■ 65.3075, 68.8535,
70.1058

■ 54.3107, 57.2971,
34.2636

■ 69.8155, 73.2305,
85.9098

■ 51.4312, 53.9437,
25.8876

■ 74.7702, 77.8817,
103.7716

■ 48.9134, 50.8255,
19.1375

■ 76.8667, 81.4862,
106.2848

■ 46.7358, 47.9326,
13.9030

■ 78.6564, 85.0655,
106.8814

■ 44.8740, 45.2542,
10.0602

■ 80.5076, 88.7680,
107.4985

■ 43.3003, 42.7782,
7.4657

■ 82.4210, 92.5948,
108.1363

■ 41.9806, 40.4896,
5.9441

■ 83.0237, 93.8002,
108.3372

■ 41.3445, 39.3217,
5.4108

Harmonies

Analogous

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



63.9706, 64.7411, 57.6807



61.2297, 64.7411, 56.2828



58.6474, 64.7411, 58.4490

Triad

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



61.2297, 64.7411, 56.2828



57.1716, 64.7411, 79.2313



66.4346, 64.7411, 77.6055

Complementary

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



61.2297, 64.7411, 56.2828



53.0195, 55.1582, 74.8707

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.



64.5147, 64.7411, 84.0852



61.2297, 64.7411, 56.2828



59.1610, 64.7411, 85.0724

Square

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



61.2297, 64.7411, 56.2828



56.3493, 64.7411, 71.3700



61.8403, 64.7411, 86.9116



67.0284, 64.7411, 69.6214

Rectangle

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



61.2297, 64.7411, 56.2828



57.3478, 64.7411, 61.7258



61.8403, 64.7411, 86.9116



65.9201, 64.7411, 80.0513

Sweetspot

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



61.2314, 64.7440, 56.2842



92.5430, 97.5445, 100.1766



56.9559, 54.5902, 59.8002



19.7095, 20.7812, 21.1017



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.



61.2314, 64.7440, 56.2842



84.5419, 89.4301, 73.1924



61.4725, 68.2586, 56.9499



13.8368, 14.6129, 13.8169



24.6120, 23.5096, 3.2406



1.6660, 1.6660, 0.2338

Inverse Universe

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



53.0195, 55.1582, 74.8707



70.4950, 73.0343, 104.9893



52.7884, 52.1165, 74.2958



12.6352, 13.2102, 16.5360



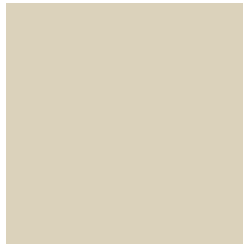
8.6693, 5.2081, 40.2867



0.6339, 0.4819, 2.6340

Previews

White Background



This preview shows how the XYZ color 61.2297, 64.7411, 56.2828 looks on a white background.

Color Contrast Check

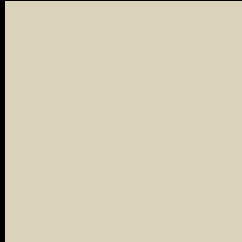
Large Text (above 18pt) WCAG AA × Fail

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 61.2297, 64.7411, 56.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

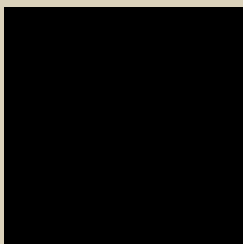
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

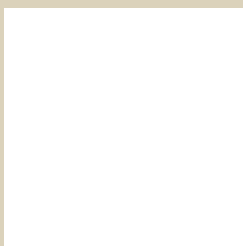
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2297, 64.7411, 56.2828

Background



This preview shows how black text looks on a background with the XYZ color 61.2297, 64.7411, 56.2828.

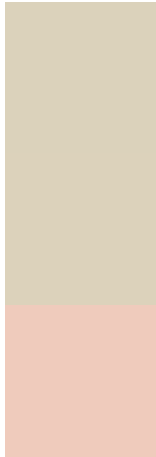


This preview shows how white text looks on a background with the XYZ color 61.2297, 64.7411,

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

61.2297, 64.7411, 56.2828

Protanopia

61.5314, 64.8967, 56.2970

Deuteranopia

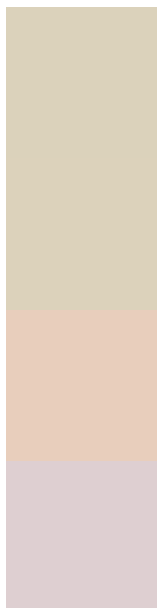
66.0296, 64.6934, 56.5839



Tritanopia

65.6229, 64.7304, 77.4421

Trichromacy



Original Color

61.2297, 64.7411, 56.2828

Protanomaly

61.5314, 64.8967, 56.2970

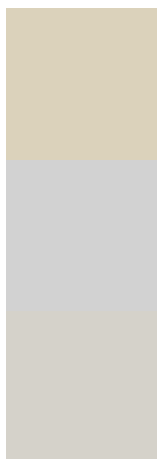
Deuteranomaly

64.4271, 64.9293, 56.7139

Tritanomaly

63.9456, 64.7587, 69.4510

Monochromacy



Original Color

61.2297, 64.7411, 56.2828

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1478, 64.5036, 65.1047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2297, 64.7411, 56.2828 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(219, 210, 187)` looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 187)  
}
```

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(219, 210, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 187) }
```

Border

The CSS property to change the border of an element to XYZ 61.2297, 64.7411, 56.2828 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(219, 210, 187) }
```


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

```
.border{ border-color:rgb(219, 210, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 187);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2297, 64.7411, 56.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 187) }
```

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

```
.background{ background-color: rgb(219,  
210, 187) }
```

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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